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NEW YORK UNIVERSITY BULLETIN

VOL. IX.

JANUARY, 1909

No. 1

CATALOGUE

1908 - 1909



NEW YORK, N. Y.

PUBLISHED BY NEW YORK UNIVERSITY AT THE UNIVERSITY BUILDING,
WASHINGTON SQUARE, EAST, MONTHLY JANUARY, FEBRUARY, MARCH,
AND WEEKLY, APRIL, MAY, JUNE, AND ENTERED AT THE NEW YORK
POST OFFICE AS SECOND-CLASS MATTER UNDER ACT OF JULY 16, 1894.

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NEW YORK UNIVERSITY

Calendar, 1909

1909.

- Jan. 4, Mon.* Sessions resumed in all schools.
- Jan. 8, Fri.* Stated Meeting of University Senate.
- Feb. 1, Mon.* Second Term begins in all schools.
- Feb. 12, Fri.* Lincoln's Birthday: holiday, except in University College, School of Applied Science, and Medical College.
- Feb. 15, Mon.* Stated Meeting of University Council.
- Feb. 22, Mon.* Washington's Birthday: holiday.
- Mar. 12, Fri.* Stated Meeting of University Senate.
- April 1, Thurs.* Theses for the Doctorate due in School of Pedagogy.
- April 5, Mon.* Spring recess begins in School of Pedagogy, Graduate School and Collegiate Division.
- April 5, Mon.* Session closes in Veterinary College.
- April 8, Thurs.* Spring recess begins in College and School of Applied Science.
- April 9-10, Fri. and Sat.* Holiday in all Schools, except Medical College.
- April 12, Mon.* Holiday in all Schools except Medical College and Law School.
- April 15, Thurs.* Theses for the Doctorate due in Graduate School.
- April 26, Mon.* Stated Meeting of University Council.
- May 1-May 15, Sat. to Sat.* Examinations in Graduate School.
- May 14-22, Fri. to Sat.* Final Examinations in School of Pedagogy, and Washington Square Collegiate Division.
- May 17-28, Mon. to Fri.* Term Examinations in School of Commerce.

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- May 20-June 1, Thurs. to Tues.* Term Examinations in University College and School of Applied Science.
- May 29, Sat.* Annual Meeting and re-union of the Alumni Association of Arts and Science.
- May 30, Sun.* Baccalaureate Sermon in the University Auditorium.
- May 31, Mon.* At 4 P. M. Sandham Prize Orations.
- June 1, Tues.* Class day exercises at University Heights.
- June 2, Wed.* 76th Annual Commencement.
- July 1, Thurs.* Summer School opens.
- Aug. 11, Wed.* Summer School closes.
- Sept. 23, Thurs.* School of Law opens.
- Sept. 25, Sat.* School of Pedagogy and Collegiate Division open.
- Sept. 27-Oct. 1, Mon.-Fri.* Entrance Examinations in University College and School of Applied Science.
- Sept. 29, Wed.* University College and School of Applied Science open.
- Sept. 30, Thurs.* School of Commerce opens.
- Oct. 1, Fri.* Graduate School and Medical School open.
- Oct. 18, Mon.* Founders' Day.
- Oct. 25, Mon.* Annual meeting of Council.
- Oct. 30, Sat.* Last day for enrollment in Graduate School.
- Nov. 2, Tues.* Election Day.
- Nov. 5, Fri.* Stated meeting of University Senate.
- Nov. 15, Mon.* Last day for filing outline of Doctors' Theses in Graduate School.
- Nov. 25-27, Thurs. to Sat.* Thanksgiving Holidays.
- Dec. 24, Fri.* Christmas recess begins in all Schools.
- Dec. 27, Mon.* Stated Meeting of Council.

Historical Sketch

The earliest record of the conception of New York University exists in the minutes of certain meetings of nine citizens of New York. The first was held December 16, 1829, and was followed by weekly meetings for three successive weeks. The fourth and last meeting issued the following call for a representative conference of citizens to convene on January 6, 1830:

SIR : The establishment of a university in this city, on a liberal and extensive foundation, has, for some time past, occupied the attention of many of our respectable citizens. At a meeting held for considering the subject, it was determined to invite your attendance on Wednesday next, at seven o'clock P. M., at the rooms of the Historical Society, to take into further consideration the desirableness of such an institution as that contemplated, and to adopt such measures in relation to it as may be deemed most expedient. It is earnestly hoped that you may be able to attend.

J. M. MATHEWS,
J. M. WAINWRIGHT,
J. AUGUSTINE SMITH,
VALENTINE MOTT,

JOSEPH DELAFIELD,
MYNDERT VAN SCHAICK,
HUGH MAXWELL,
ISAAC S. HONE,

JOHN DELAFIELD.

NEW YORK, January 4, 1830.

This meeting appointed a standing committee of nine gentlemen, of whom four were taken from the above, including Dr. Mathews, who became the first Chancellor; John Delafield, who became the first Secretary of the Council; and Myndert Van Schaick, who became the first Treasurer. This committee added to its numbers from time to time, secured a long roll of subscribers to the new enterprise, and finally merged its existence into that of the first University Council, which was elected by the subscribers October 16, 1830, met for organization October 18, 1830, and was chartered April 18, 1831.

The founders thus enlisted were composed in almost equal parts of public-spirited business men and of members of the liberal professions. Their plan from the beginning included nearly all the professorships that are comprised to-day in the faculties of the nine schools of New York University. Even the School of Pedagogy was anticipated in a proposed professorship of "The Philosophy of Education and the Instruc-

tion of Teachers." The Graduate School was planned under the name "The First General Division," while the Undergraduate College was known as the Second Division. The Schools of Law and Medicine and Applied Science were all contemplated by the first statutes, adopted 1831. These plans were far in advance of any demand then existing in America, and were not supported by sufficient endowment for their complete accomplishment. It was reserved for the last quarter of the nineteenth century, instead of the second quarter, to develop them in full measure.

The University as now existing comprises under the Council (which is by charter the Corporation) nine distinct Faculties and Schools of Matriculants, and in addition the Summer School at University Heights and the Woman's Law Class at Washington Square, both made up of non-matriculant students who are enrolled without examination. A summary of attendance is given elsewhere in this volume.

The decade 1890 to 1900 began a new era in New York University. In 1891 University Heights was acquired. In 1894 the College of Arts and Pure Science and the School of Applied Science were removed to the new site. The Schools of Law and Pedagogy remained at Washington Square. The Graduate School divides its work between these two places. Accompanying these changes in location of schools, there has come a complete reorganization of the several schools into one University system. This was finally reached in 1897, when the Medical Faculty was thoroughly reconstructed. Among the important incidents of this new movement the following were especially notable: The consolidation with the University in 1895 of the Metropolis Law School; in 1898 of the Bellevue Hospital Medical College with the University School, under the new title of the University and Bellevue Hospital Medical College; and in 1899 of the two Veterinary Schools of this city under the title of the New York-American Veterinary College. In 1900 was the opening of the School of Commerce, Accounts and Finance, also the founding of the "Hall of Fame," in 1903 the opening of the Collegiate Division at Washington Square, and in 1906 the addition of fourteen acres to the campus at University Heights by the gift of the Schwab property.

Change of Name

Upon the unanimous request of the University Corporation, the University Regents of the State of New York, under the powers committed to them by the Constitution of the State, enacted a statute March 19, 1896, changing the name of the University of the City of New York to NEW YORK UNIVERSITY. Henceforth this legal designation should be used in all papers of any kind whatsoever relating to this University.

The Charter of New York University

ENACTED, April 18th, 1831. Amended, February 23d, 1893.

The name was changed to New York University, March 19th, 1896.

I. The subscribers and shareholders of "The University of New York" are hereby incorporated for the purpose of promoting literature and science. The corporation shall be known by the name of "The University of the City of New York," and by that name shall have perpetual succession, power to sue and be sued, to make and use a common seal, and alter the same at pleasure, to hold property, real and personal, to contract and be contracted with, and to buy and sell and otherwise dispose of lands and chattels, as to them shall seem necessary for the interests of the University.

II. The government and estate of the University shall be conducted and managed by a Council composed of thirty-two members. The location of the University shall be in the city of New York.

III. The present Council of the University of the City of New York, to wit: (Class of eighteen hundred and eighty-nine to eighteen hundred and ninety-three) Edward H. Litchfield, John E. Parsons, J. W. C. Leveridge, John Reid, Elbert B. Monroe, Samuel Sloan, David Banks, Robert Schell; (Class of eighteen hundred and ninety to eighteen hundred and ninety-four) Charles Butler, William Allen Butler, William A. Wheelock, Henry M. MacCracken, William L. Andrews, Israel C. Pierson, Joseph S. Auerbach, William F. Havemeyer; (Class of eighteen hundred and ninety-one to eighteen hundred and ninety-five) Alfred L. Loomis, Jenkins Van Schaick, William S. Opdyke, Roderick Terry; George Alexander, Charles R. Flint, Frederick Baker, Charles T. Barney; (Class of eighteen hundred and ninety-two to eighteen hundred and ninety-six) John Taylor Johnston, John Hall, Charles F. Deema, Lemuel Skidmore, William M. Taylor, George Munro, William L. Skidmore, John P. Munn, and their successors, shall constitute the Council for the government and management of the University.

IV. One-fourth of the members of the Council as above named constituting one class shall go out of office annually and in the order in which their classes are named, when an election shall be held by the Council to supply their places. The Council may fill its own vacancies occurring previous to an annual election. Members going out of office shall be re-eligible.

V. The seat of any member of the Council who shall have been absent from its meetings for six months, without being excused, may, by a majority vote of the Council, be declared vacant.

VI. The Council may elect an executive committee of not less than eleven members, six of whom shall be a quorum, to transact, in the intervals between meetings of the Council, such business as the Council may authorize.

VII. Eleven members shall be a quorum for the transaction of business; but no real estate shall be conveyed, nor appointments to office for a period beyond

one year made (except to supply vacancies in the Council), unless there be present and voting at least seventeen members, and unless there shall be a concurrence of not less than eleven members, being a majority of all those present, in favor of the conveyance or appointment in question.

VIII. Persons of every religious denomination shall be equally eligible to all offices and appointments.

IX. The University may grant to students under its charge diplomas or honorary testimonials, in such form as it may designate. It may also confer such literary honors, degrees and diplomas, as are usually granted by any university, college or seminary of learning in the United States.

X. Diplomas granted by the University shall entitle the possessors to the immunities and privileges allowed by usage or statute to the possessors of like diplomas from any college or seminary of learning in the State.

XI. No diploma shall be conferred by the University but in conformity with the laws of the State in force at the time in conferring the same.

XII. This University shall be subject to the visitation of the Regents of the University of this State, in the same manner and to the same extent as the various colleges in this State.

XIII. The Council shall have power to appoint its own officers, and all the officers of the University, to establish ordinances and by-laws, not contravening the laws or constitution of this State or of the United States; and to expel any of its members for a violation thereof.

XIV. All the real and personal estate, and all interest in any real or personal property or estate of every name and nature whatsoever, and wheresoever the same may be, which is now vested in the University of the City of New York, as now constituted and organized, is hereby confirmed to and vested forever in the University of the City of New York, for the sole use and benefit of said University, and it shall be lawful to, and for the said University to grant, bargain, sell, demise, mortgage, improve and dispose of said property, in such manner as to the Council of said University shall seem meet. Such real estate as is now and has been for over fifty years past occupied by the said University as a site shall remain exempt from taxation so long as the entire university instruction in the Law School, the entire instruction in the School of Pedagogy, and the administration office of the University shall be continued there. Such real estate as may be used as a new site for the enlargement of the work of the University shall be exempt from taxation, but only so long as it may continue to be used for educational purposes.

XV. The Legislature may at any time alter, repeal, or modify this act.

Epochs

IN THE HISTORY OF NEW YORK UNIVERSITY

- 1829, December 16, *Meeting of nine gentlemen to consider "the establishment of a University in the city of New York on a liberal and extensive scale."*
- 1830, January 6, *Public meeting called by the above and others, in the Rooms of the Historical Society; appointment by it of Standing Committee on Subscriptions.*
- 1830, October 15, *Election, by the subscribers, of Members of the Council.*
- 1830, October 18, *Organisation of the Council.*
- 1831, April 18, *Act of Incorporation.*
- 1832, October, *Opening of College work, closely followed by the erection (1832-35) of the University Building.*
- 1835, *Plan of Hon. B. F. Butler for Law School adopted.*
- 1835, *Invention, in the University, of the Recording Telegraph:*
- "Your Philomathean Hall, the room I occupied—that room in the University was the birthplace of the Recording Telegraph."—[Extract from address of Professor Morse at the Alumni Meeting of 1853.]*
- 1839, *Invention, in the University, of the application of Photography to the representation of the human countenance.*
- 1841, *Opening of the Medical College on Broadway, opposite Bond St.*
- 1851, *Removal of same to Fourteenth Street, near Irving Place.*
- 1853, *Procurement, by the Medical Faculty, of the Law legalising dissection in New York State.*
- 1858, *Reorganisation of the Department of Law.*
- 1863, *Founding of the Law Library by John Taylor Johnston.*
- 1864-66, *Founding of the General Endowment, by John Taylor Johnston, John C. Green, Loring Andrews, and others.*
- 1869, *Removal of Medical College (after the burning of the old edifice in 1866 and a temporary stay in the New York Hospital) to East Twenty-sixth Street.*
- 1886, *Organisation of Graduate School.*
- 1890, *Proposal of an uptown site.*
- 1890, *Organisation of the School of Pedagogy.*
- 1890, *Appointment of the Women's Advisory Committee.*
- 1892, *Adoption of Three Years' Course in Medicine.*

- 1892, *Purchase of University Heights.*
 1894, *Removal to University Heights of the University College.*
 1895, *Gift of the Library Building and of "Gould Hall."*
 1895, *Opening of the New Halls of Law and Pedagogy at Washington Square.*
 1895, *Establishment of morning, afternoon, and evening Instruction in Law. Consolidation of Metropolis Law School.*
 1896, *Adoption of Four Years' Course in Medicine.*
 1897, *University Direct Control of Medical College Inaugurated.*
 1898, *Consolidation with New York University of the Bellevue Hospital Medical College.*
 1899, *New York-American Veterinary College consolidated with the University.*
 1900, *School of Commerce, Accounts and Finance opened.*
 1900, *"Hall of Fame" founded.*
 1903, *Collegiate Division opened.*
 1906, *Gift of the Schwab Estate.*

Founders of the University

These names include all those members of the first Council who continued in office one term, or four years. They were elected by the whole body of about two hundred citizens who gave money to the foundation, and hence may be fairly held to represent THE FOUNDERS:

HON. MORGAN LEWIS; HON. SAMUEL R. BETTS; HON. JAMES TALLMADGE; JAMES M. MATHEWS, D.D.; GEORGE GRISWOLD, SR.; MYNERT VAN SCHAICK; STEPHEN WHITNEY; MARTIN E. THOMPSON; JOHN DELAFIELD; JAMES LENOX; SAMUEL WARD; VALENTINE MOTT, M.D.; EDWARD DELAFIELD, M.D.; SAMUEL HANSON COX, D.D.; JAMES MILNOR, D.D.; ARCHIBALD MACLAY, D.D.; SPENCER H. CONE, D.D.; CYRUS MASON, D.D.; WILLIAM W. WOOLSEY; CHARLES STARR; JOHN S. CRAIG; GABRIEL P. DISOSWAY.

Presidents of the Council

HON. ALBERT GALLATIN; HON. MORGAN LEWIS; HON. JAMES TALLMADGE; GARDINER SPRING, D.D.; CHARLES BUTLER, LL.D.; JOHN C. GREEN, LL.D.; JOHN TAYLOR JOHNSTON; WILLIAM ALLEN BUTLER, LL.D.; WILLIAM A. WHELOCK, LL.D.

Chancellors of the University

JAMES MATHEWS, D.D.; HON. THEODORE FRELINGHUYSEN, LL.D.; ISAAC FERRIS, D.D., LL.D.; HOWARD CROSBY, D.D., LL.D.; JOHN HALL, D.D., LL.D.; HENRY MITCHELL MACCRACKEN, D.D., LL.D.

Roll of Eminent Professors

For some record of the work of professors in the University, see the biographies of the following, among others, in the American Cyclo-

pædia (1873-76), or Johnson's Cyclopædia (1874-77)—names marked (A.) are in the American only, those marked (J.) in Johnson's only; all other names are in both. None now living are included. All titles are omitted.

FACULTY OF ARTS AND SCIENCE

SAMUEL F. B. MORSE; HENRY P. TAPPAN; JOHN TORREY; LEWIS C. BECK; CHARLES P. MCLVAIN; CALEB S. HENRY; HENRY VETHAKE (J.); CHARLES W. HACKLEY (J.); WILLIAM A. NORTON (J.); JOHN W. DRAPER; THOMAS H. GALLAUDET; EDWARD ROBINSON; CHARLES D. CLEVELAND; GEORGE BUSH; LORENZO L. DA PONTE (J.); COURTLANDT VAN RENSSELAER; ELIAS LOOMIS; GEORGE J. ADLER (J.); CHARLES DAVIES; JOHN C. DRAPER; HENRY DRAPER; TAYLER LEWIS; HOWARD CROSBY; E. H. GILLET (J.); E. F. FORESTI (J.); BENJAMIN N. MARTIN (J.); HENRY M. BAIRD.

FACULTY OF MEDICINE

VALENTINE MOTT; SAMUEL GROSS; SAMUEL H. DICKSON; ELISHA BARTLETT; MARTYN PAINE; GUNNING S. BEDFORD; JOHN W. DRAPER; HENRY DRAPER; JOHN C. DRAPER; JOHN A. SWETT (J.); GRANVILLE S. PATTISON (J.); HENRY S. HEWITT (J.); ALFRED CHARLES POST (J.).

FACULTY OF LAW

BENJAMIN F. BUTLER; WILLIAM KENT (A.); THEODORE SEDGWICK; GEORGE HENRY MOORE; JOHN NORTON POMEROY; B. VAUGHAN ABBOTT (J.); HENRY E. DAVIES (J.); AUSTIN ABBOTT; GEORGE A. MILLER.

University Heights

In November of 1890 a movement was inaugurated to enlarge the work of the University by the securing of a new site for the University College, the School of Engineering, and the Graduate School (in part). On July 1, 1891, a site was secured, extending from Sedgwick Avenue to Aqueduct Avenue, immediately south of the new University Avenue (placed on the map of the city at the request of the University). In 1906 the Schwab estate was added.

The single tract included in the College Campus comprises nearly forty acres. In addition to this is a boat-house site on the water front. Further, the University has purchased several adjoining parcels in order to restrict the neighborhood against nuisances, and to secure sites for Fraternity Houses, professors' residences, and the like. The general verdict of the public who visit University Heights places it second in beauty to no other University site in the world.

School of Applied Science

GOULD ENGINEERING ENDOWMENT FUND.....	\$200,000
Gift (1891) of Miss Helen Miller Gould, 1898-99.	
SHEPARD CHEMISTRY ENDOWMENT.....	5,000
Gift (1891) of Mr. Elliott F. Shepard.	
GOULD PHYSICS AND ENGINEERING ENDOWMENT.....	5,000
Gift (1896) of Miss Helen Miller Gould.	
GOULD ENGINEERING SCHOLARSHIP.....	3,000
Gift (1897) of Mr. Frank Jay Gould, Class of 1899.	
R. G. REMSEN ENGINEERING SCHOLARSHIP.....	2,000
Gift (1896) of Mr. R. G. Remsen, Class of 1873.	
WM. A. HOE, JR., ENGINEERING PRIZE.....	1,000
Gift (1897) of his father, Wm. A. Hoe, in memory of his son, Class of 1888.	
SAMUEL BOWNE DURYEA FELLOWSHIP.....	4,350
Bequest (1895) of Mr. Samuel B. Duryea, Class of 1866.	
SOLOMON LOEB CHEMICAL LIBRARY FUND.....	10,000
Bequest (1904) of Mr. Solomon Loeb.	

University and Bellevue Hospital Medical College

B. F. BUTLER FUND FOR ADMINISTRATION.....	\$10,000
Gift (1890) of Mr. Charles Butler, in memory of his brother.	
JAY GOULD ENDOWMENT FUND.....	125,000
Gift (1898) of Miss Helen Miller Gould, in memory of her father.	
CHRISTIAN A. HERTER, Lectureship Fund.....	8,000
CHRISTIAN A. HERTER, Scholarship Fund.....	6,000
Gift (1903) of Dr. Christian A. Herter, Professor of Pathological Chemistry.	

University Law School

B. F. BUTLER PRIZE FUND.....	\$5,000
Gift (1890) of Mr. Charles Butler, in memory of his brother.	

University Graduate School

B. F. BUTLER COMPARATIVE RELIGION FUND.....	\$10,000
Gift (1890) of Mr. Charles Butler, in memory of his brother.	
A. OGDEN BUTLER CLASSICAL FELLOWSHIP.....	6,000

THE UNIVERSITY

15

A. OGDEN BUTLER PHILOSOPHICAL FELLOWSHIP.....	\$6,000
Gift (1890) of Mr. Charles Butler, in memory of his son, A. Ogden Butler, of Class of 1853.	
RICHARD H. BULL GRADUATE SCHOLARSHIP.....	1,000
Gift (1890) of Professor Richard H. Bull, Class of 1839.	
R. G. REMSEN GRADUATE SCHOLARSHIP.....	1,000
Gift (1896) of Mr. R. G. Remsen, Class of 1873.	
CHARLES F. DEEMS LECTURESHIP FUND (Robert L. Crawford, Treasurer)	15,000
Gift (1895) of American Institute of Christian Philosophy, in memory of its founder.	
OSWALD OTTENDORFER MEMORIAL FELLOWSHIP.....	20,000
Given by many Citizens.	

University School of Pedagogy

BENJAMIN F. BUTLER FUND	\$25,000
Gift (1890) of Mr. Charles Butler.	
ELIZABETH FOGG FUND....	20,000
Bequest (1892) of Mrs. Elizabeth Fogg.	
DEANSHIP ENDOWMENT.....	33,000
Gift (1896-99) of members of Women's Advisory Com- mittee.	
LOUISE LECLERE SCHOLARSHIP.....	2,700
Gift (1890) of former pupils of Miss Leclere.	
JAY GOULD, FIRST HELEN DAY GOULD, SECOND HELEN DAY GOULD, WESTERN AND SOUTHWESTERN SCHOLAR- SHIPS, EACH \$5,000.....	25,000
Gift (1895) of Miss Helen Miller Gould, in memory of her parents.	
NORTHROP SCHOLARSHIP.....	4,000
Gift (1895) of Miss Ida Northrop.	
JAMES BUELL SCHOLARSHIP.....	2,000
Gift (1895) of Mrs. Jno. P. Munn, in memory of her uncle.	
WELCOME G. HITCHCOCK SCHOLARSHIP.....	2,000
Gift (1895) of Mrs. W. G. Hitchcock, in honor of her husband.	
PEDAGOGY LIBRARY FUND.....	1,000

SCHOOL OF PEDAGOGY GENERAL ENDOWMENT.....	\$11,500
Gift (1897-99) members and friends of Women's Advisory Committee.	
CHAIR OF PSYCHOLOGY ENDOWMENT.....	1,000
EDWARD R. SHAW SCHOLARSHIP.....	2,021
Gift (1904) Students and Alumni of the School of Pedagogy and of members of the Women's Advisory Committee.	
P. S. No. 104 SCHOLARSHIP.....	1,000
Gift (1905) of Miss Rose N. Yager.	

Woman's Law Class

WOMAN'S LAW CLASS ENDOWMENT.....	\$25,000
The gift (1899) of members and friends of the Woman's Legal Education Society.	
NEW CENTURY PRIZE ESSAY FUND.....	1,000
Given by a graduate of the class.	
ALUMNÆ SCHOLARSHIP FUND.....	522
Given by Alumnæ of the class.	
MRS. JOHN P. MUNN SCHOLARSHIP.....	500
Gift of Mrs. Russell Sage.	
BLANCHE HAMMETT ARNOLD SCHOLARSHIP.....	450
HENRY M. MACCRACKEN SCHOLARSHIP.....	450
CLARENCE D. ASHLEY SCHOLARSHIP.....	450
AUSTIN ABBOTT SCHOLARSHIP.....	450
"1902" SCHOLARSHIP.....	450
"1903" SCHOLARSHIP.....	450
Founded by the Woman's Legal Education Society.	
MRS. RUSSELL SAGE SCHOLARSHIP.....	450
GOULD SCHOLARSHIP.....	450
Gift of Miss Helen Miller Gould.	
GEORGE ALEXANDER SCHOLARSHIP.....	450
WILLIAM A. WHELOCK SCHOLARSHIP.....	450
THE JAMES BUELL SCHOLARSHIPS (twenty in number).....	4,500
Gift of Mrs. Martha Buell Munn.	

Four of the University Schools are still wholly unendowed, viz., *The New York-American Veterinary College, The School of Commerce, Accounts and Finance, The University Summer School, and The Washington Square Collegiate Division.*

THE COUNCIL OF THE UNIVERSITY

The Council of New York University, incorporated the 18th of April, 1831, is a self-perpetuating body, consisting of thirty-two members, each holding office for four years, or until his successor is elected. One-fourth of the members go out of office each year on the fourth Monday of October, when their successors are elected by the council.

Officers of the Council

President—

Vice-President—J. ROSS STEVENSON, D.D.

Secretary—GEORGE A. STRONG

Treasurer—WILLIAM M. KINGSLEY

DATE OF ELECTION	Roll of the Council	EXPIRATION OF TERM
1881.	WILLIAM LORING ANDREWS.....	1910
1883.	WILLIAM S. OPDYKE.....	1911
1884.	DAVID BANKS.....	1909
1887.	GEORGE ALEXANDER, D.D.....	1911
1890.	WILLIAM F. HAVEMEYER.....	1910
1891.	HENRY M. MACCRACKEN, D.D., LL.D.....	1910
1892.	JOHN P. MUNN, M.D.....	1912
1898.	WILLIS FLETCHER JOHNSON, L.H.D.....	1911
1898.	THOMAS E. GREACEN.....	1911
1898.	HENRY VAN SCHAICK.....	1910
1899.	WILLIAM M. KINGSLEY.....	1910
1900.	JAMES G. CANNON.....	1910
1902.	CHARLES STEWART SMITH, LL.D.....	1912
1902.	GEORGE F. VIETOR.....	1909
1902.	J. ROSS STEVENSON, D.D.....	1909
1903.	CLARENCE H. KELSEY.....	1911
1903.	WILLIAM H. PORTER.....	1911
1903.	JOHN H. MACCRACKEN, PH.D.....	1910
1903.	FREDERICK W. DEVOR.....	1912
1904.	EUGENE STEVENSON.....	1912
1904.	JAMES WARREN LANE.....	1909
1905.	FRANK A. VANDERLIP.....	1909
1907.	DAVID A. BOODY.....	1909
1907.	HENRY W. HODGE.....	1912
1907.	GEORGE A. STRONG.....	1912
1908.	JAMES ABBOTT.....	1912
1908.	HENRY M. BROWN, D.D.....	1909
1908.	ROBERT MACKENZIE, D.D., LL.D.....	1909

THE WOMEN'S ADVISORY COMMITTEE

In 1890 the Council of the University, recognizing that the enrollment of graduate students included the names of several women as candidates for the Doctorate in Philosophy, and recognizing further that the School of Pedagogy just founded was likely to enroll women students in equal numbers with men, deemed it expedient that the Council should have the co-operation of representative women in the promotion of the University's work for women, and accordingly established the Women's Advisory Committee.

President—MRS. EDWARD C. BODMAN, L.H.M.

Vice-President—MISS E. MABEL CLARK

Secretary—MRS. EUGENE SMITH, L.H.M.

Treasurer—MISS ISABELLE M. KOBBE

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MISS HELEN MILLER GOULD, L.H.M.

MRS. C. A. HERTER

MRS. WILLIAM F. COCHRAN

MISS IDA NORTHROP

MRS. RUSSELL SAGE, L.H.M.

Term expiring 1912

MRS. EDWARD C. BODMAN, L.H.M.

MRS. BRADFORD ELLSWORTH

MISS CAROLINE CRANE

MISS E. MABEL CLARK

Term expiring 1909

MRS. JOHN P. MUNN, L.H.M.

MISS H. JEAN AITKEN

MRS. LEWIS H. LAPHAM

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MRS. L. EMMETT HOLT

Term expiring 1910

MRS. EUGENE SMITH, L.H.M.

MRS. RICHARD M. HOE

MRS. GEORGE F. BAKER

MISS EMILY CODDINGTON, PH.D.

MRS. ROSWELL ELDRIDGE

Term expiring 1911

MISS EMILY O. BUTLER, L.H.M.

MRS. WELCOME G. HITCHCOCK

MRS. DAVID DOWS, JR.

MRS. O. S. LYFORD, JR.

MRS. RICHARD H. LIGGETT

The Executive Committee

The Chancellor, ex-officio.

The Treasurer, ex-officio.

DR. ALEXANDER

MR. HAVEMEYER DR. MUNN

MR. OPDYKE

MR. BANKS

MR. VAN SCHAICK

DR. MACCRACKEN

Standing Committees of the Council for 1909

I. Finance

MR. HAVEMEYER	MR. CANNON
MR. KINGSLEY	MR. PORTER
MR. KELSEY	MR. VANDERLIP

II. College of Arts and Pure Science

DR. JOHNSON	DR. MUNN
MR. ABBOTT	DR. BROWN

III. Graduate School and School of Pedagogy

DR. ALEXANDER	DR. STEVENSON
MR. VAN SCHAICK	DR. JOHNSON

IV. Law School

MR. OPDYKE	MR. STRONG
MR. BANKS	VICE CHANCELLOR STEVENSON

V. Medical College and Property

DR. MUNN	MR. PORTER
	MR. LANE

This Committee cares for Veterinary College also

VI. School of Applied Science

MR. HODGE	MR. GREACEN
MR. VIETOR	DR. BROWN

VII. Honorary Degrees

DR. ALEXANDER	DR. MACKENZIE
	VICE CHANCELLOR STEVENSON

VIII. Library

MR. BANKS	MR. ANDREWS
MR. HAVEMEYER	MR. SMITH

IX. Vacancies

MR. OPDYKE	DR. MUNN
DR. ALEXANDER	DR. STEVENSON

X. University Heights Property

MR. BANKS	MR. HAVEMEYER
DR. MUNN	MR. DEVOE

XI. Washington Square Property

MR. KELSEY	MR. BANKS
MR. OPDYKE	MR. VIETOR

MR. BOODY

XII. Summer School

DR. BROWN	MR. DEVOE
	DR. JOHNSON

XIII. School of Commerce

MR. CANNON	MR. KINGSLEY
MR. SMITH	MR. VANDERLIP

The above Committees were appointed December, 1908, to serve for one year.

THE UNIVERSITY SENATE

ORDINARY MEMBERS

Henry M. MacCracken, LL.D., Chancellor.	
Wm. K. Gillett, M.A., Professor	} University College.
E. G. Sihler, Ph.D., Professor	
Clarence D. Ashley, LL.D., Dean	} School of Law.
Isaac F. Russell, LL.D., Professor	
Egbert Le Fevre, M.D., Dean	} School of Medicine.
A. Alexander Smith, M.D., LL.D., Professor	
Thomas M. Balliet, Ph.D., Dean	} School of Pedagogy.
J. P. Gordy, Ph.D., LL.D., Professor	
Daniel W. Hering, Ph.D., LL.D., Dean	} Graduate School.
Francis Hovey Stoddard, Ph.D., Professor	
Charles H. Snow, Sc.D., Dean	} School of Applied Science.
John J. Stevenson, LL.D., Professor	

HONORARY AND ADVISORY MEMBERS

President Henry A. Buttz, D.D., LL.D., Drew Theological Seminary.
 Very Rev. J. F. Driscoll, S.S., D.D., Rector of St. Joseph's Seminary,
 Dunwoodie, Yonkers.

President Francis Brown, D.D., LL.D., Union Theological Seminary.
 Very Rev. W. L. Robbins, D.D., Dean of the General Theological
 Seminary.

Professor Ferdinand S. Schenck, D.D., New Brunswick Reformed
 Theological Seminary.

Dean Solomon Schechter, Litt.D., Jewish Theological Seminary of
 America.

The University Senate consists of the Chancellor, the Deans of six
 schools, and six professors, one from each Faculty, together with Ad-
 visory Members.

The head of each of the following theological schools is an honorary
 and advisory member of the Senate, and has all the privileges of an
 actual member except that of voting: Union, General Theological, New
 Brunswick, Drew, St. Joseph's, and the Jewish Theological Seminary.

The chief work of the Senate is advisory, and includes: 1. Recom-
 mendations to the University Administration in regard to the publica-
 tions of the University. 2. Recommendations to the Council in
 reference to the entire educational work of the University. 3. Recom-
 mendations to each of the six Faculties in regard to the educational
 work of the same.

ADMINISTRATIVE OFFICERS**The University**

- Chancellor* : HENRY MITCHELL MACCRACKEN, LL.D.
General Office, Washington Square.
Private Office : Library Building, University Heights.
- Syndic* : JOHN H. MACCRACKEN, PH.D.
Office : Washington Square, 10th Floor.
- Bursar* : FRANK A. FALL, M.A.
Office : Washington Square, 10th Floor.
- Registrar* : GEORGE CLARE SPRAGUE, PH.D.
Office : Washington Square, 10th Floor.

The Faculties

Along with the Faculties of the Eight Schools which present candidates for degrees are included the Summer School and the Woman's Law Class.

University College

- Acting Dean* : HENRY M. MACCRACKEN, LL.D.
- Secretary* : THOMAS W. EDMONDSON, PH.D.
Office : Library Building, University Heights.
- Recorder* : WILLIAM E. WATERS, PH.D.
Office : Hall of Languages, University Heights.

School of Applied Science

- Dean* : CHARLES HENRY SNOW, C.E., SC.D.
Office : Laboratory of Engineering, University Heights.
- Secretary* : ARTHUR E. HILL, PH.D.,
Office : Havemeyer Laboratory, University Heights.

Summer School

- Director* : JAMES E. LOUGH, PH.D.
Office : Washington Square, 9th Floor (until July 1).

The School of Law

Dean : CLARENCE D. ASHLEY, LL.D.

Office : Washington Square, 11th Floor.

Secretary : LESLIE J. TOMPKINS, B.S., J.D.

Office : Washington Square, 10th Floor.

The Graduate School

Dean : DANIEL W. HERING, PH.D., LL.D.

Office : Butler Hall, University Heights.

Secretary : JOHN H. MACCRACKEN, PH.D.

Office : Washington Square, 10th Floor.

The School of Pedagogy

Dean : THOMAS M. BALLIET, PH.D.

Office : Washington Square, 9th Floor.

Secretary : JAMES E. LOUGH, PH.D.

Office : Washington Square, 9th Floor.

Woman's Law Class

Lecturer in Charge : C. D. ASHLEY, LL.D.

Office : Washington Square, 10th Floor.

The School of Commerce, Accounts and Finance

Dean : JOSEPH FRENCH JOHNSON, A.B., D.C.S.

Office : Washington Square, 8th Floor.

Secretary : W. H. LOUGH, JR., M.A.

Office : Washington Square, 8th Floor.

Recorder : LEE GALLOWAY, PH.D.

Office : Washington Square, 8th Floor.

The Washington Square Collegiate Division

Chairman : Thomas W. Edmondson, PH.D.

Secretary : James E. Lough, PH.D.

Office : Washington Square, 9th Floor.

The College of Medicine

Dean : EGBERT LE FEVRE, M.D.

Office : 338 East 26th St.

Secretary : HERMANN M. BIGGS, M.D.

Office : 338 East 26th St.

Cor. Secretary : SAMUEL A. BROWN, M.D.

Office : 338 East 26th St.

The Veterinary College

Dean : WILLIAM J. COATES, M.D., D.V.S.
Office, 141 West 54th St.

Other Administrative Divisions

The University Library

Librarian in charge General Library : BELLE CORWIN, M.D.
Office: Library Building, University Heights.
Assistants in the Law Library, Washington Square :
MAY MYERS, ARTHUR O'LEARY.
Assistant in the Pedagogy Library, Washington Square :
FRANCES M. WOODWARD.
Assistant in the Commerce Library : GEORGE FORRESTER.

The Young Men's Christian Association

Secretary at University Heights : JOHN W. MACE.
Office: Y.M.C.A. Building, University Heights.

The Gymnasium and Ohio Field

Director : FRANK H. CANN.
Office: Gymnasium, University Heights.
Assistant Instructor in Gymnastics : MAX GORDON.

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Office: Superintendent's House, University Heights.
Superintendent, Washington Square : A. B. CROCKETT.
Office: Washington Square, 10th Floor.
Superintendent, Medical College : WILLIAM E. GADEY.
Engineer, University Heights : L. T. GALEZIO.

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Clerk of Faculty of Veterinary Surgery : WILLIAM C. MILLER.
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CHANCELLOR ; Professor of Philosophy.

JOHN J. STEVENSON, PH.D., LL.D., University Heights,
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ISAAC F. RUSSELL, M.A., J.C.D., LL.D., Washington Square,
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PRINCE A. MORROW, M.D., 26th St. and 1st Ave.,
Emeritus Professor of Genito-Urinary Diseases.

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Professor of Diseases of the Nervous System.

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Clinical Professor of Medicine.

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*Dean of the Faculty of Medicine ; Professor of Therapeutics and
Clinical Medicine.*

CHARLES HENRY SNOW, C.E., SC.D., University Heights,
Dean of the Faculty of Applied Science ; Professor of Engineering.

* Arranged, with exception of the Chancellor, in the order of seniority in office.

ERNEST G. SIHLER, PH.D., University Heights,
Professor of the Latin Language and Literature.

FRANK ALEXANDER ERWIN, M.A., J.D., Washington Square,
Professor of Law.

CLARENCE D. ASHLEY, J.D., LL.D., Washington Square,
Dean of the Faculty of Law ; Professor of Law.

MARSHALL S. BROWN, M.A., University Heights,
Professor of History and Political Science.

CHARLES L. BRISTOL, PH.D., University Heights,
Professor of Biology.

CORNELIUS G. COAKLEY, M.D., 26th St. and 1st Ave.,
Professor of the Diseases of the Nose and Throat.

LESLIE J. TOMPKINS, B.S., J.D., Washington Square,
Professor of Law and Secretary of the Law School.

LAWRENCE A. McLOUTH, B.A., University Heights,
Professor of the German Language and Literature.

SAMUEL MACAULEY JACKSON, D.D., LL.D., University Heights,
Schaff Memorial Professor of Church History.

THADDEUS D. KENNESON, M.A., J.D., Washington Square,
Professor of Law.

RALPH S. ROUNDS, B.A., J.D., Washington Square,
Professor of Law.

FRANK H. SOMMER, J.D., Washington Square,
Professor of Law.

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cine.*

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and Adjunct Professor of Principles and Practice of Medicine.*

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Anatomy, Clinical Surgery, and Medicine.*
- J. ELMER RYDER, D.V.S., 141 West 54th St.,
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Professor of Diseases of the Foot and the Art of Shoeing.
- JULIUS HULESEN, JR., D.V.S., 141 West 54th St.,
*Professor of Cattle Pathology, Meat Inspection, and Sanitary Veteri-
nary Medicine.*
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*Associate Professor of Principles and Practice of Veterinary Medicine
and Clinical Medicine.*
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Dean of the Faculty of Commerce, Accounts and Finance ; Professor of Political Economy, and Finance.
- WILLIAM E. WATERS, PH.D., University Heights,
Professor of the Greek Language and Literature and Recorder of the University College and School of Applied Science.
- JAMES E. LOUGH, PH.D., Washington Square,
Professor of Experimental Psychology, and Methods ; Secretary of the Faculty of Pedagogy, and of the Collegiate Division ; Director of the Summer School.
- CARL C. LORENTZEN, M.E., Grad. Naval Academy, Copenhagen,
University Heights,
Associate Professor of Drawing.
- F. TILDEN BROWN, M.D., 26th St. and 1st Ave.,
Professor of Genito-Urinary Surgery.
- WILLIAM C. LUSK, M.D., 26th St. and 1st Ave.,
Professor of Clinical Surgery, and Lecturer on Diseases of the Rectum.
- CHARLES E. HOUGHTON, A.B., M.M.E.,
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Associate Professor of German.

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Dean of the School of Pedagogy; Professor of the Science of Education.
- GEORGE B. WALLACE, M.D., 26th St. and 1st Ave.,
Professor of Pharmacology.
- HERMANN A. HAUBOLD, M.D., 26th St. and 1st Ave.,
Clinical Professor and Demonstrator of Operative Surgery.
- CLEVELAND F. BACON, A.B., LL.B., Washington Square,
Professor of the Law of Commerce and Finance.
- WILLIAM H. DENNIS, B.C.S., Washington Square,
Professor of the Principles and Practice of Accounts.
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- WILLIAM F. WALSH, A.B., LL.B., Washington Square,
Professor of Law.
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Professor of Bridge and Railway Engineering.
- ARTHUR E. HILL, PH.D., University Heights,
Associate Professor of Analytical Chemistry and Secretary of the Faculty of Applied Science.
- ERNST RIESS, PH.D., Washington Square,
Assistant Professor of Latin.
- ARTHUR SCHULTZE, PH.D., Washington Square,
Assistant Professor of Mathematics, and Lecturer on Methods in Secondary School Mathematics.
- JULIUS A. BECKER, M.D., 26th St. and 1st Ave.,
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- J. R. MURLIN, PH.D., 26th St. and 1st Ave.,
Assistant Professor of Physiology.
- ARTHUR B. LAMB, PH.D., University Heights,
Associate Professor of Chemistry; Director of the Havemeyer Laboratory.
- J. LORING ARNOLD, PH.D., University Heights,
Assistant Professor of Physics.
- WILLIAM M. CAMPBELL, M.A., University Heights,
Assistant Professor of Physics.

- W. H. LOUGH, JR., M.A., Washington Square,
*Assistant Professor of Economics and Transportation ; Secretary of
the School of Commerce.*
- LEON BRUMMER, C.P.A., Washington Square,
Professor of Auditing.
- EDWIN D. WEBB, LL.M., Washington Square,
Associate Professor of Law.
- ORRIN R. JUDD, B.C.S., LL.B., C.P.A., Washington Square,
Assistant Professor of Banking Practice.
- ALBERT I. CALAIS, B.L., Washington Square,
Assistant Professor of the French Language and Literature.
- WILLIAM E. STUDDIFORD, M.D., 26th St. and 1st Ave.
Adjunct Professor of Gynecology.
- RICHARD MILLS PEARCE, M.D., 26th St. and 1st Ave.
Professor of Pathology ; Director of the Laboratory of Pathology.

Lecturers

- ALVAH H. SABIN, C.E., University Heights,
Special Lecturer on Oils, Paints, and Varnishes.
- DOWNING VAUX, A.M., University Heights,
Special Lecturer on Landscape Gardening.
- HENRY P. MORRISON, C.E., University Heights,
Special Lecturer on Roads and Pavements.
- ALVAH H. DOTY, M.D., 26th St. and 1st Ave.,
Lecturer on Quarantine Sanitation.
- ROBERT J. CARLISLE, M.D., 26th St. and 1st Ave.,
Clinical Lecturer on Medicine ; Chief of Clinic.
- CHARLES H. LEWIS, M.D., 26th St. and 1st Ave.,
Clinical Lecturer on Medicine.
- ROBERT W. ELLIS, D.V.S., 141 W. 54th St.,
Lecturer on Zootechnics and Veterinary Jurisprudence.
- WILLIAM A. PURRINGTON, LL.B., 26th St. and 1st Ave.,
Lecturer on Law in Relation to Medical Practice.
- JOHN VAN DER POEL, M.D., 26th St. and 1st Ave.,
Clinical Lecturer on Genito-Urinary Diseases.

- ROWLAND G. FREEMAN, M.D., 26th St. and 1st Ave.,
Clinical Lecturer on Pediatrics.
- EUGENE W. CALDWELL, 26th St. and 1st Ave.,
Director Edward N. Gibbs Memorial X-Ray Laboratory.
- WILLIAM B. WHITNEY, A.B., LL.B., Washington Square,
Lecturer on Patents.
- SAMUEL A. BROWN, M.D., 26th St. and 1st Ave.,
Lecturer on Medicine and Corresponding Secretary of the Medical College.
- J. A. DEGHUEE, PH.D., 141 West 54th St.,
Lecturer on Milk Inspection.
- ROBERT J. WILSON, M.D., 1st Ave. and 26th St.,
Lecturer on Bacteriology.
- JOSEPH S. TAYLOR, PD.D.,
Lecturer on Principles and Methods of Teaching and on School Organization.
- MRS. ANNIE L. JESSUP, Washington Square,
Lecturer on Domestic Art.
- CHARLES W. JACKSON, M.A., Washington Square,
Lecturer on Actuarial Science.
- HENRY MOIR, F.F.A., F.I.A., Washington Square,
Lecturer on Actuarial Science.
- MILES M. DAWSON, F.I.A., Washington Square,
Lecturer on Actuarial Science.
- PHILIP D. KERRISON, M.D., 26th St. and 1st Ave.,
Clinical Lecturer on Otology.
- CHARLES B. SLADE, M.D., 26th St. and 1st Ave.,
Lecturer on Life Insurance Examinations, and Instructor in Medicine.
- LUTHER H. GULICK, M.D., Washington Square,
Lecturer on Physical Training and School Hygiene.
- WALTER LINDNER, LL.B., Washington Square,
Lecturer on Real Property.
- GIUSEPPE BRIGIDA, (Dottore in giurisprudenza,) Washington Square,
Lecturer on Italian Language and Literature.
- PERCIVAL CHUBB, Washington Square,
Lecturer on Methods in English.

RUDOLPH BINDER, PH.D., Washington Square,
Lecturer on Sociology.

JAMES P. HANEY, M.D., Washington Square,
Lecturer on Methods in the Manual Arts.

CHARLES T. MCFARLANE, PH.D., Brockport, N. Y.,
Lecturer on Geography in the Summer School.

GEORGE VERMILYE FOWLER, A.B., J.D., Washington Square,
Lecturer on Law.

MR. ALBERT W. GARRITT, Washington Square,
Lecturer on Education of Defectives.

WILLIAM MABON, M.D., 1st Ave. and 26th St.,
Lecturer on Mental Diseases.

E. R. HARDY, PH.B., Washington Square,
Lecturer on Fire Insurance.

CHANNING RUDD, Washington Square,
Lecturer on Salesmanship.

W. W. BRUSH, M.S., C.E.,
Lecturer on Engineering Design.

LOUIS DELAMARRE, PH.D., Washington Square,
Lecturer on the French Language and Literature.

C. E. FORSDICK, Washington Square,
Lecturer on Railroad Accounting.

ANDREW W. EDSON, M.A.,
Lecturer on School Management and Organisation in the Summer School.

HENRY GRISCOM PARSONS,
Lecturer on School Gardens in the Summer School.

JESSIE HALL BINGHAM,
Lecturer on Object Drawing and Construction Work in the Summer School.

NATHAN B. VAN ETTEN, M.D., University Heights,
Lecturer on First Aid to the Injured in the School of Applied Science.

ROBERT C. JAMES, M.D., 1st Ave. and 26th St.,
Lecturer on Obstetrics.

HENRY W. WANDLESS, M.D., 1st Ave. and 26th St.,
Lecturer on Ophthalmology.

EBEN FOSKET, M.D., 26th St. and 1st Ave.,
Clinical Lecturer on Gynecology.

- FRANCIS A. SCRATCHLEY, M.D., 26th St. and 1st Ave.,
Lecturer on Nervous Diseases and Electro-Therapeutics.
- W. A. CHISHOLM, M.D., 26th St. and 1st Ave.,
Clinical Lecturer on Laryngology.
- J. B. LEATHES,
*Professor of Physiology, Medical School of St. Thomas' Hospital,
London; Herter Lecturer on Pathological Chemistry.*
- THOMAS TAPPER, Washington Square,
Lecturer on Art as Related to Education.
- ALBERT A. SNOWDEN, PH.D., Washington Square,
Lecturer on Foreign School Systems and Industrial Education.
- JAMES SULLIVAN, PH.D., Washington Square,
Lecturer on Methods in History.
- CHARLES A. CONANT, Washington Square,
Lecturer on Banking.
- ALBERT V. ATWOOD, A.B., Washington Square,
Lecturer on Investments.
- LEWIS H. HANEY, PH.D., Washington Square,
Lecturer on Finance.
- WENDELL M. STRONG, F.R.A., PH.D., LL.B., Washington Square,
Lecturer on Actuarial Science.
- HENRY H. GODDARD, PH.D., Washington Square,
Lecturer on Psychology of Feeble-Minded.
- MARY SUTTON MACY, M.D.,
Lecturer on Physiology of Feeble-Minded.
- CHARLES WM. KENT, PH.D., LL.D.,
Lecturer on English Literature in the Summer School.
- A. CASWELL ELLIS, PH.D.,
Lecturer on Education in the Summer School.
- GERTRUDE EDMOND, B.A., PD.D.,
Lecturer on Special Methods in the Summer School.
- FREDERICK SLOCUM, PH.D.,
Lecturer on Mathematics in the Summer School.
- HOLLIS E. DANN, MUS. D.,
Lecturer on Music in the Summer School.
- MISS V. E. COLEMAN,
Lecturer on Music in the Summer School.
- EMORY P. RUSSELL,
Lecturer on Music in the Summer School.

- MRS. THOMAS M. BALLIET,
Lecturer on Music in the Summer School.
- MISS M. KATHERINE CHRISTIAN,
Lecturer on Domestic Science in the Summer School.
- MISS WINIFRED A. ROE,
Lecturer on Domestic Science in the Summer School.
- BURTON T. SCALES,
Lecturer on Music in the Summer School.
- SUSAN H. GILMAN,
Lecturer on Physical Training in the Summer School.
- ELIZABETH BURCHENAL, A.B.,
Lecturer on Physical Training in the Summer School.

Instructors

- FRANK H. CANN, University Heights,
Director of Physical Training and Athletics.
- GEORGE L. BRODHEAD, M.D., 26th St. and 1st Ave.,
Instructor in Obstetrics.
- W. J. PULLEY, M.D., 26th St. and 1st Ave.,
Instructor in Medicine.
- P. S. BOYNTON, M.D., 26th St. and 1st Ave.,
Demonstrator of Anatomy.
- ELI LONG, M.D., 26th St. and 1st Ave.,
Clinical Instructor in Pediatrics.
- WALTER ALONZO BAYER, B.C.S., C.P.A., Washington Square,
Instructor in Accounting.
- WILLIAM B. TRIMBLE, M.D., 26th St. and 1st Ave.,
Instructor in Dermatology.
- MATTHIAS NICOLL, JR., M.D., 26th St. and 1st Ave.,
Clinical Instructor in Pediatrics.
- G. REESE SATTERLEE, M.D., 26th St. and 1st Ave.,
Instructor in Histology and Embryology.
- W. C. MILLER, 141 W. 54th St.,
Demonstrator of Anatomy and Curator of the Museum.
- ISABELLA M. PETTUS, LL.M., Washington Square,
Instructor in the Woman's Law Class.
- EUGENIE MARIE RAYÉ-SMITH, LL.M., Washington Square,
Instructor in the Woman's Law Class.
- JESSIE ASHLEY, LL.M., Washington Square,
Instructor in the Woman's Law Class.

- J. DOUGLAS, JR., M.D., 26th St. and 1st Ave.,
Instructor in Surgery.
- WILLIAM M. FORD, M.D., 26th St. and 1st Ave.,
Instructor in Surgery and Demonstrator in Anatomy.
- ALFRED T. OSGOOD, M.D., 26th St. and 1st Ave.,
Instructor in Genito-Urinary Diseases.
- JOSEPH KAHN, PD.M., PH.D., Washington Square,
Instructor in Philosophy.
- ARTHUR H. NASON, M.A., University Heights,
Instructor in English.
- CURTIS F. CLAASSEN, M.D., 26th St. and 1st Ave.,
Instructor in Therapeutics.
- ARTHUR R. MANDEL, M.D., 26th St. and 1st Ave.,
Instructor in Applied Pathology.
- ALBERT S. MORROW, M.D., 26th St. and 1st Ave.,
Instructor in Obstetrics.
- CHARLES J. ROBINSON, PH.D., 26th St. and 1st Ave.,
Instructor in Chemistry.
- GEORGE M. MACKEE, M.D., 26th St. and 1st Ave.,
Instructor in Dermatology.
- JOHN MCCOY, M.D., 26th St. and 1st Ave.,
Instructor in Laryngology.
- MISS JANE G. CLOSE, New York City,
Instructor in Domestic Art.
- MISS ANNIE L. LOGUE, New York City,
Instructor in Domestic Art.
- LEE GALLOWAY, PH.D., Washington Square,
Instructor in Commerce and Industry; Recorder of the School of Commerce.
- JOHN P. SIMMONS, B.S., University Heights,
Instructor in Chemistry.
- FAXTON E. GARDNER, M.D., 26th St. and 1st Ave.,
Instructor in Genito-Urinary Diseases.
- WALTER C. CRAMP, M.D., 26th St. and 1st Ave.,
Instructor in Surgery.
- SAMUEL K. FROST, M.D., 26th St. and 1st Ave.,
Instructor in Otology.
- PERRY B. HOUGH, M.D., 26th St. and 1st Ave.,
Clinical Instructor in Ophthalmology.
- .

- LEO. GREENDLINGER, M.C.S., C.P.A., Washington Square,
Instructor in Accounting.
- G. B. HOTCHKISS, M.A., University Heights,
Instructor in Rhetoric and English Composition.
- MAXIMO ITURRALDE, Washington Square,
Instructor in Commercial Spanish.
- JOHN H. HUDDLESTON, M.D., 26th St. and 1st Ave.,
Instructor in History Taking, Clinical Registrar.
- EDWARD S. MCSWEENEY, M.D., 26th St. and 1st Ave.,
Demonstrator of Anatomy.
- STANLEY D. CURRAN, M.D., 26th St. and 1st Ave.,
Instructor in Physical Diagnosis.
- A. I. RINGER, M.D., 26th St. and 1st Ave.,
Instructor in Pharmacology.
- B. C. CROWELL, M.D., 26th St. and 1st Ave.,
Instructor in Pathology.
- H. P. SAWYER, M.D., 26th St. and 1st Ave.,
Instructor in Pathology.
- HENRY L. LYNCH, M.D., 26th St. and 1st Ave.,
Instructor in Contagious Diseases.
- E. J. RICHARDSON, M.D., 26th St. and 1st Ave.,
Instructor in Contagious Diseases.
- WILLIAM R. BRYANS, B.S., University Heights,
Instructor in Mechanical Drawing and Surveying.
- P. L. THORNE, B.A., University Heights,
Instructor in Mathematics.
- WILLIAM S. LOZIER, C.E., University Heights,
Instructor in Civil Engineering.

Assistants

- FRANK W. SHIPMAN, M.D., 26th St. and 1st Ave.,
Assistant in Bacteriology.
- JOHN R. KNAPP, M.D., 26th St. and 1st Ave.,
Assistant to the Chair of Mental Diseases.
- W. REID BLAIR, D.V.S., 141 West 54th St.,
Assistant in Pathological Histology.
- HENRY FAULLS, University Heights,
Superintendent of Shops.

- SAMUEL ROSENBERG, M.D., 26th St. and 1st Ave.,
Assistant to the Chair of Nervous Diseases.
- A. J. HUEY, M.D., 26th St. and 1st Ave.,
Clinical Assistant in Laryngology.
- JOHN BYRON PUTNAM, University Heights,
Assistant in Biology.
- MAX GORDON, University Heights,
Assistant in Physical Training.
- JOHN A. ROBINSON, M.D., 26th St. and 1st Ave.
Assistant to Chair of Otology.
- MAX MEYER, B.C.S., C.P.A., Washington Square,
Assistant in Accounting.
- PAUL HENRY HUDSON, JR., B.C.S., C.P.A., Washington Square,
Assistant in Accounting.
- JAMES P. HUNT, M.D., 26th St. and 1st Ave.,
Assistant in Physical Diagnosis.
- ARTHUR M. WRIGHT, M.D., 26th St. and 1st Ave.,
Assistant Demonstrator of Anatomy.
- LE ROY P. VAN WINKLE, M.D., 26th St. and 1st Ave.,
Assistant in Histology.
- ROBERT H. HUTCHINSON, M.D., 26th St. and 1st Ave.,
Assistant in Histology.
- PALMER A. POTTER, M.D., 26th St. and 1st Ave.,
Assistant to Chair of Pediatrics.
- PAUL R. RADOSAVLJEVICH, PH.D., PD.D.,
Fellow and Assistant in Education.
- L. Y. LIPPINCOTT, M.D., 26th St. and 1st Ave.,
Assistant to the Chair of the Practice of Medicine.
- H. F. SWIFT, M.D., 26th St. and 1st Ave.,
Assistant to the Chair of the Practice of Medicine.
- MARCUS NEUSTAEDTER, M.D., 26th St. and 1st Ave.,
Assistant to the Chair of Nervous Diseases.
- ALBERT E. SELLENINGS, M.D., 26th St. and 1st Ave.,
Assistant Demonstrator of Anatomy.
- E. C. FLEISHNER, M.D., 26th St. and 1st Ave.,
Assistant to Chair of Pediatrics.
- STANLEY BRADY, M.D., 26th St. and 1st Ave.,
Assistant to Chair of Pediatrics.

- W. MORGAN HARTSHORN, M.D., 26th St. and 1st Ave.,
Assistant in Histology and Embryology.
- MINOR C. HILL, M.D., 26th St. and 1st Ave.,
Assistant in Pathology.
- W. E. CALDWELL, M.D., 26th St. and 1st Ave.,
Assistant to the Chair of Obstetrics.
- L. W. FAMULENER, M.D., 26th St. and 1st Ave.,
Assistant to the Chair of Bacteriology.
- E. ROSS FAULKNER, M.D., 26th St. and 1st Ave.,
Assistant Demonstrator of Anatomy.
- R. THURSTON LE VALLEY, B.A., University Heights,
Assistant in Physics in the Summer School.
- WILLIAM H. REESE, M.S., University Heights,
Assistant in Chemistry in the Summer School.
- CHARLES J. SMITH, B.S., University Heights,
Assistant in German in the Summer School.
- MISS LOIS B. WHITE, University Heights,
Assistant in Geography in the Summer School.
- WILLIAM A. H. ZINK, B.S., University Heights,
Assistant in Chemistry.
- HARRY E. MOWEN, B.S., University Heights,
Assistant in Civil Engineering.
- G. R. STEWART, M.D., 26th St. and 1st Ave.,
Assistant Demonstrator of Anatomy.
- JEAN B. COOKE, 26th St. and 1st Ave.,
Assistant in Pathology.
- W. TEN EYCK ELMENDORFF, M.D., 26th St. and 1st Ave.,
Assistant in Histology.

A list of the officers of the Medical College Clinic will be found on pages 435-437.

STUDENTS IN THE UNIVERSITY

University College of Arts and Pure Science

Roll of Students, 1908-1909

Senior Class

^a George Henry Barmeyer.....	Bayside, N. Y.
^c Arney Graham Biddle.....	Jersey City, N. J.
^a Bruce Sankey Biddle.....	Jersey City, N. J.
^a James Augustus Bridges.....	Jersey City, N. J.
John Charles Brodsky.....	Brooklyn, N. Y.
James Gillespie Dale.....	New York City
Richard Blaine Dawson.....	Cornwall-on-Hudson, N. Y.
Benjamin Parke DeWitt.....	Elmhurst, N. Y.
^a Allan Thomas Doggett.....	Brooklyn, N. Y.
Crosby Field Frank.....	Montrose-on-Hudson, N. Y.
Nathan Manuel Friedman.....	Brooklyn, N. Y.
Henry Walter Hammond.....	Flushing, N. Y.
Lester Leopold Hess.....	New York City
^a Frederick Purcell Leary.....	Paterson, N. J.
^a Preston Shepard Lincoln.....	New York City
^a Harry Melville Love.....	Brooklyn, N. Y.
David Lowry Mackay.....	Astoria, N. Y.
^a Arthur Gromann Noehren.....	Tarrytown, N. Y.
Reginald Perry	New York City
^c Richard Oliver Phillips, Jr.....	Yonkers, N. Y.
Ralph Wright Rowland.....	Clifton, N. J.
^a William Postley Sinclair.....	Pleasantville, N. Y.
^c Frederick Martin Singsen.....	Hoboken, N. J.
Courtlandt Van Clief.....	West New Brighton, N. Y.
Alfred Bell Van Houten.....	Paterson, N. J.
Edward Richard Von Janinski.....	New York City
^a Vincent William Weiss.....	New York City
^a William Wallace Welsh.....	Brooklyn, N. Y.
Paul Christian Wolff.....	New York City

SENIORS.....29

Small letters in margin to left of name indicate that the student is enrolled also in another school of the University. A=Applied Science, C=Commerce, D=Collegiate Division, G=Graduate, L=Law, M=Medicine, P=Pedagogy, S=Summer School, U=University College, V=Veterinary, W=Woman's Law Class.

Junior Class

*Edgar Williams Beckwith.....	East Orange, N. J.
Sherborne Vernon Damerel.....	New York City
Waldron Du Mond.....	Tarrytown, N. Y.
Joseph Wilfred Fitzgerald.....	Tuckahoe, N. Y.
Benjamin Adam Ladd.....	New York City
Newman Levy.....	New York City
Clarence Stewart McClellan, Jr.....	Mt. Vernon, N. Y.
*Arthur Jocelyn Herbert Magrath.....	New York City
Max Robert Miller.....	Peekskill, N. Y.
Emil Nielsen.....	Mt. Vernon, N. Y.
Charles Edwin Ludvig Norlin.....	Brooklyn, N. Y.
Campbell Frederick George Norlin.....	Brooklyn, N. Y.
Robert Scott Osborne.....	Mt. Vernon, N. Y.
John Byron Putnam.....	Bellows Falls, Vt.
Charles Edgar Roake.....	Peekskill, N. Y.
Sumpad Hovsep Sarafian.....	Yonkers, N. Y.
David Weissman.....	Newark, N. J.

JUNIORS.....17

Sophomore Class

Walter Francis Anselm Brown.....	New York City
Burton Cole.....	Walton, N. Y.
Edwin Wright Cooney.....	New York City
Orlando Hayford Daniels.....	New York City
Rudolph Victor Gorsch.....	New York City
Lyman Richard Hartley.....	New York City
Henry Hubert	Mount Vernon, N. Y.
Morris Joseph.....	Passaic, N. J.
*Frederick Louis Kopff.....	New York City
Benjamin Lazrowitz.....	Albany, N. Y.
Monroe Jefferson Levine	Paterson, N. J.
Samuel Washington McCarte.....	Newark, N. J.
Joseph Thomas McMahon.....	New York City
John Wilson Mace.....	Bayport, N. Y.
Joseph Harrison Maloy, Jr.....	West Brighton, N. Y.
Gerald Nolan.....	Yonkers, N. Y.
Lewis Campbell Odell.....	New York City
Franklin Ferriss Russell.....	Brooklyn, N. Y.
William Salomons	Brooklyn, N. Y.
John Keator Sanford	Halcottsville, N. Y.

*George Jay Schoenfeld.....	New York City
Henry Stanley Schwarz.....	Brooklyn, N. Y.
George Hamilton Sisson Scofield.....	Congers, N. Y.
Gilbert Wesley Sherin.....	New York City
Allton Lawrence Sherman.....	Orange, N. J.
Andrew Ten Eyck.....	Selkirk, N. Y.
Martin Jerome Tierney.....	New Rochelle, N. Y.
Duncan Kennedy Van Cleef.....	Long Island City, N. Y.
James Henry Nelson Waring, Jr.....	Baltimore, Md.
Harry Watkins.....	Brooklyn, N. Y.
Milton Werner.....	Brooklyn, N. Y.
Alexander Beggs Wilkie	Selkirk, N. Y.

SOPHOMORES.....32

Freshman Class

Walter Edgar Atkinson.....	Brooklyn, N. Y.
Ralph Herman Blum.....	New York City
Paul Tracy Brine.....	New York City
Yngve Peter Brundin	Corona, N. Y.
Ralph Romaine Bruster	Wyalusing, Pa.
*Howard Blauvelt Cleaveland.....	New York City
Thomas Joseph Crawford.....	New York City
Thomas Loughran Cunningham.....	New York City
Osborn Marcus Curtis, Jr.....	New Brighton, N. Y.
Frederick Amerman Dale.....	New York City
William Brownson Davis.....	New York City
John Wesley Dutcher.....	Dunellen, N. J.
Thomas Webster Edgar.....	New York City
Richard Edward Elliffe, Jr.....	New York City
Emanuel Ralph Engel.....	New York City
Alfred Luke Faust.....	Port Chester, N. Y.
James Vincent Fitzgerald.....	Saratoga Springs, N. Y.
William Kramer Forrest.....	New York City
Gustave Gilbert Grabshied.....	New York City
Ion Carl Holm.....	Brooklyn, N. Y.
Lionel Paul Kristeller.....	Newark, N. J.
William Lewin	Newark, N. J.
Edward Bowe Leahy.....	Jersey City, N. J.
*William Russell McAdam.....	New York City
*Thomas Francis McCorken	New York City
Raymond Wright Masters.....	Chester, N. Y.
Raymond Hamilton Mathews.....	Jersey City, N. J.

Albert John Murphy	New York City
*George Harvey Nicholls.....	New Rochelle, N. Y.
Franklin Joseph O'Brien.....	New York City
Albert Ignatius Paine	New York City
Hamilton Sherborne Peltz.....	Elmhurst, N. Y.
John Preston Phillips.....	Yonkers, N. Y.
Fritz Alexander Post.....	New York City
Arthur Thomas Ronan.....	New York City
Louis Rosenbaum	Brooklyn, N. Y.
Royale Valray Rothermel.....	New York City
George Everett Rowland, Jr.....	Jersey City, N. J.
Walter James Savage	Elmhurst, N. Y.
Harry Carl William Schultz-de Brun.....	Stockholm, Sweden
Sanford Harcourt Smith.....	New York City
Elmo Eugene Spoerl	Brooklyn, N. Y.
Samuel David Stein.....	Buffalo, N. Y.
Presley Downs Stout.....	East Orange, N. J.
Reginald Bartlett Strang.....	Brooklyn, N. Y.
*Michael Harry Tewey.....	Irvington, N. Y.
Henry Griswold Thedford.....	New York City
Lloyd McClure Thomas.....	New York City
John Grant Thompson.....	New York City
John Patrick Tiernan.....	Tompkinsville, N. Y.
Charles Shepperd Trimmer.....	New York City
Edgar Townsend Tucker.....	White Plains, N. Y.
Henry Theodore Turek.....	New York City
*Horace Horton Underwood.....	Seoul, Corea
David Howard Young.....	Newark, N. J.
Roswell Flower Young.....	Nutley, N. J.
FRESHMEN.....	56

Special Students

Bhupendra Nath Dutt.....	Calcutta, India
William Whitfield Giddes.....	Dunellen, N. J.
Theodore Hurwitz	New York City
Lewis Bennett Michaelson.....	New York City
Frank Wright Moxley.....	Montclair, N. J.
Meyer Waxman	Brooklyn, N. Y.
Harry Howe Whittaker.....	Brooklyn, N. Y.
Maximo Yturraldo.....	Carcastillo, Spain

SPECIAL STUDENTS 8

TOTAL UNIVERSITY COLLEGE.....142

The School of Applied Science

Roll of Students, 1908-1909

Candidates for Engineer's Degrees, 1909

- George S. Armstrong, B.S., Assistant U. S. Engineer Dept., 106 Penn Street, Brooklyn, N. Y.
 Morgan R. Butler, B.S., Resident Engineer, Milwaukee Light, Heat and Traction Co., Fox River Hotel, Waterford, Wis.
 Chas. MacDonald, B.S., Engineer Northwestern Coal and Mining Co., Bevier, Mo.
 Arthur J. Taylor, B.S., Late Inspector Excavation and Construction Pennsylvania Railroad Company, 902 West End Avenue, N. Y. C.

Senior Class

- Victor Anthony Auffant.....New York City
 Morris Joseph Baller.....Walpole, Mass.
 Saul Sidney Bernstein.....Port Richmond, N. Y.
 Robert Irving Blackman.....New York City
 Bernard Joseph Bleistein.....Astoria, N. Y.
 Floyd Edward Bliven.....Yonkers, N. Y.
 Thomas Francis Bowe.....Carthage, N. Y.
 Joseph Oakley Brown.....Yonkers, N. Y.
 Clyde Drake.....Dover, N. J.
 Austin Wright Eddy.....Stapleton, N. Y.
 Peter Filipone.....Newark, N. J.
 Louis Hughes Friedman.....New York City
 *Alejandro Guinchard.....New York City
 George Lockwood Hawkins.....Brooklyn, N. Y.
 William Joseph Heiser.....Brooklyn, N. Y.
 *Alfredo Lavandero.....Santiago, Chile
 Alan Knapp More.....New York City
 Dimitri Abraham Najjar.....New York City
 Daniel Carroll Nolan, Jr.....Yonkers, N. Y.
 John Sylvester O'Brien.....New York City
 Claude Edward Palmer.....Osawatomie, Kan.
 James Williams Salisbury.....Bristol, R. I.
 Harry Samuel Silverstein.....New York City
 Boleslaw Ludwig Stosik.....New York City
 John Edwin Terhune.....Paterson, N. J.
 Joseph Viscardi.....New York City

Albert Almy Young.....	Bristol, R. I.
George Aaron Young.....	New York City
SENIORS.....	28

Junior Class

Harry Anderson	New York City
Fritz Muss Arnolt.....	Tuckahoe, N. Y.
Ethelbert Belknap, Jr.....	Yonkers, N. Y.
William Ludwig Blaum.....	Long Island City, N. Y.
Herbert Prestley Blake.....	Jersey City, N. J.
Benedict Burkman.....	W. New Brighton, N. Y.
Julien John Durand.....	New York City
Samuel Epstein	New York City
*Juan Fernandez	Santiago, Cuba
George Augustus Flynn.....	New York City
Arthur Thurston Giddings.....	Yonkers, N. Y.
Alexander Gordon.....	New York City
Max Greenberg.....	Rochester, N. Y.
Earle Griffin.....	Kitchawan, N. Y.
Mortimer Grunauer.....	New York City
Andrew Hamilton.....	Roxbury, N. Y.
Alfred Brackenridge Heiser.....	Brooklyn, N. Y.
George Edward Herchkovitz.....	New York City
Gustav Herzberg.....	Newark, N. J.
John Hill	New York City
Raymond Arthur Holme.....	Yonkers, N. Y.
James Morse Kingsley.....	Westerleigh, N. Y.
Abraham Levinson.....	Rochester, N. Y.
Harry Lichtenstein.....	New York City
John Gordon Lowden.....	New York City
George Lunt	New York City
*Jamieson Marshall	Yonkers, N. Y.
John Wesley McCoy, Jr.....	Jersey City, N. J.
Hilliard McNabb.....	New York City
Harry Molwitz	New York City
Simon Abraham Najjar.....	New York City
Damon Foster Newins.....	Islip, L. I.
*Charles Claus Puckhafer.....	New York City
Carl Hiram Reynolds.....	Brooklyn, N. Y.
Henry Wallace Reynolds.....	New York City
James Reynolds.....	New York City
William Edward Rudolph.....	Brooklyn, N. J.

Morris Savitz	New York City
*Walter Winfield Scott	Brooklyn, N. Y.
Harry Waldo Streuli	New York City
Victor Tarnay	New York City
Edward Clarke Taylor	Boonton, N. J.
George Gale Townsend	Frostburg, Md.
Douglas Stanley Trowbridge	New York City

JUNIORS.....44

Sophomore Class

*Frank Enderlin Booth	Grand Gorge, N. Y.
Alexander Abraham Brown	New York City
David Bush Decker	New York City
James Russell Decker	New Springville, N. Y.
Cornelius Chester Du Mond	Tarrytown, N. Y.
John Edelstein	New York City
Albert Edward Fitzelle	Yonkers, N. Y.
Walter Burley Freeman	New York City
Maurice Friedlander	Mt. Vernon, N. Y.
Elmer Galloway	Staten Island, N. Y.
William Anthony Golden	New York City
Alfred Du Mond Hammett	Pelham Manor, N. Y.
Clarence Robin Heaume	Plainfield, N. J.
Hilary George Hooks	New York City
Jeffrey Richard Hosking	Dover, N. J.
Irving Van Arnam Huie	New York City
Wilbur Lloyd Jones	Yonkers, N. Y.
Edwin Ingersol Judd	White Plains, N. Y.
John Frederick Jung	Brooklyn, N. Y.
Matthew Kieran	Stapleton, N. Y.
Alfred William Knoeppel	New York City
James Harmon Lott	Union Course, L. I.
Herman Maier	Brooklyn, N. Y.
Edwin John Mallen, Jr.	New York City
Frank Ephraim Mandel	Newark, N. J.
Alberto Stephen Marzo	New York City
George Wilfred Mathews	Tuckahoe, N. Y.
Howard Perry Michener	Somerset, Bethesda, Md.
Carl August Miller	Peekskill, N. Y.
Haydock Harvey Miller	New Rochelle, N. Y.
Max Moeller, Jr.	Hoboken, N. J.

William Augustine O'Shaughnessy.....	Brooklyn, N. Y.
¹ Morris Perlman	New York City
² Henry Bolton Pierce.....	New York City
William Walter Pragnell.....	New York City
³ Wallace Reynolds	Holbrook, N. Y.
Louis Albert Roehder.....	Derby, Conn.
⁴ Harry Rozinski	New York City
⁵ Milton Wilcox St. John.....	Plainfield, N. J.
Lester David Sandy.....	Newark, N. J.
John Frederick William Schulze.....	New York City
George Howard Smith.....	Long Island City
⁶ George Henry Somerville.....	New York City
⁷ Sutherland Gazzam Taylor, Jr.....	Mt. Vernon, N. Y.
Oliver Joseph Teeple, Jr.....	Freeport, N. Y.
Howard Slawson Van Bomel.....	New York City
Theodore Ernest Veltfort.....	New York City
Arthur Russell Wellwood.....	New York City
James Wheeler, Jr.....	West Brighton, N. Y.
Bernard Wildenberg.....	New York City
Dudley Eugene Wiltse.....	Jamaica, N. Y.
David Roswell Wylie.....	New York City

SOPHOMORES.....52

Freshman Class

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⁸ Edward Francis Ahneman.....	Kingsbridge, N. Y.
William Warren Ahrens.....	West Brighton, N. Y.
Frederick Cook Ambrose.....	Yonkers, N. Y.
Arthur William Banko.....	New York City
Benjamin Blaine Banning.....	Mount Vernon, N. Y.
Robert Bathmann	Paterson, N. J.
Herman Bause	New York City
George Morris Biales	New York City
Chester Boothe Blakeman.....	Mount Vernon, N. Y.
Henry Merritt Bramlette.....	Texarkana, Tex.
John Thomas Brennan, Jr.....	Brooklyn, N. Y.
Albert Anthony Brisotti.....	New York City
George Stewart Clark.....	Cornwall Landing, N. Y.
⁹ Ogden Willard Lincoln Coffin.....	New York City
Samuel Adams Coykendall, Jr.....	Brooklyn, N. Y.

Wilbur Newell Cross.....	White Plains, N. Y.
Abraham Deutsch	New York City
Henry Laidlaw Dewey.....	Morris Heights, New York City
Clarence Drake	Dover, N. J.
John Robert Eisenbarth.....	Flushing, N. Y.
Benjamin Elkind	New York City
Barney Harold Elman.....	Mt. Kisco, N. Y.
Joseph Augustus Fetherston.....	New Brighton, N. Y.
James Aloysius Flinn.....	Brooklyn, N. Y.
Burton Cole Fonda.....	New Rochelle, N. Y.
Nathan Jacob Freedman.....	New York City
Mark Seton Friedland.....	Brooklyn, N. Y.
Arno Wesley Gaebelin.....	Mount Vernon, N. Y.
Frederick William Garnjost.....	Yonkers, N. Y.
Benjamin Franklin Gerding	New York City
Andres Gomez	Havana, Cuba
George Greidenberg	New York City
Russell Gage Harper.....	New York City
Arthur Augustus Hayward, Jr.....	Mount Vernon, N. Y.
Norman Percy Henderson.....	Yonkers, N. Y.
Charles Ernest Heydt.....	Yonkers, N. Y.
Oscar Nathaniel Holst.....	Tompkinsville, N. Y.
John Elisha Hyatt.....	Scarsdale, N. Y.
Raymond Dearborn Jackson.....	Westfield, N. J.
*Harry Bogert Jennings.....	New York City
Pierre Faneuil Jones.....	New York City
William Jordan	New York City
Gustav Kann.....	New York City
David Klein	Bayonne, N. J.
Samuel Klein	New York City
Thomas Charles Leon.....	New York City
John Willis McCormack.....	New York City
William Ward McHugh.....	New York City
Joseph Margolin	Canarsie, N. Y.
*Juan Ignacio Martinez.....	Mexico
Moses Mechlowitz	New York City
*John Oliver Miller.....	Mount Vernon, N. Y.
Joseph William Missic.....	New York City
John Sterling Moody, Jr.....	Hickory, N. C.
Edwin Campbell Moran.....	White Plains, N. Y.
Le Roy Searight Murphy.....	Brooklyn, N. Y.
Walter Clement Newton.....	New Brighton, N. Y.

Clarence Gilbert Norton.....	New York City
Hubert Chedsey Norton.....	University Heights, New York City
Louis Oppenheim	New York City
Herbert Robert Otto.....	Westfield, N. J.
Edmund Nicolis Peterson.....	Brooklyn, N. Y.
Lester Jackson Poole.....	Manhasset, L. I.
*Herbert Seymour Putney.....	New York City
Arthur Edward Reeves.....	New York City
*Leslie Stone Roberts.....	Mount Vernon, N. Y.
Solomon Roggen	New York City
Spencer George Rossell.....	New York City
Edward Stuart Rowell.....	Fordham, New York City
Patrick James Ryan	Yonkers, N. Y.
*Adolf Victor Scharwenka.....	New York City
George Schuck, Jr.....	Marble Hill, N. Y.
Donald Mortimer Sergeant.....	New York City
John Seward Sherman.....	Orange, N. J.
Robert Nicholas Spence.....	New York City
Willis Dale Sutton.....	Yonkers, N. Y.
*Warren, James Taussig.....	New York City
Carl Stanley Taylor.....	New York City
Alfred Tillinghast Tompkins.....	New York City
Jay Trexler	Topton, Pa.
*Herbert-Moss Unger	New York City
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Chauncey Milton Vought.....	Hollis, N. Y.
John Joseph White.....	Tuckahoe, N. Y.
John Anthony Woolf.....	New York City
Noyes Eccleston Yale.....	Jersey City, N. J.
George Bernard Zimmele.....	Yonkers, N. Y.
*Albert Zimmerman	New York City
FRESHMAN.....	89

Special Students

*Marcelino Aragon, Jr.....	New York City
Allen Lee Cornish.....	Yonkers, N. Y.
Archibald James Fulton, Jr.....	Port Richmond, N. Y.
Harry Goldman	New York City
Carlos Gutierrez	University Heights, New York City
Byron Quimby Jones.....	Tarrytown, N. Y.

Richard Stafford McElroy.....	Brewster, N. Y.
Morris Millimet	West New York, N. J.
Morris Polansky	Mount Vernon, N. Y.
Van Dwight Sheldon.....	New York City
SPECIAL STUDENTS	
TOTAL SCHOOL OF APPLIED SCIENCE.....	

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 °Anna Alberta Menét.....239 Midland Ave., Arlington, N. J.
 John Menzie.....339 Fordham Rd., New York City
 °Ruth Merington.....1516 Lawrence Ave., Westchester, N. Y. C.
 °Bert Emery Merriam, A.B.....Bellows Falls, Vt.
 P. C. Meserve, A.B.....Waverly, N. Y.
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 Bessie E. Miller.....2433 Seventh St., N. W., Washington, D. C.
 John O. Miller.....Psi Upsilon House, University Heights, N. Y. C.
 °William L. Miller.....Forest Ave., W. New Brighton, N. Y.
 Jane D. Mills.....Middletown, N. Y.
 °Carroll P. Miner.....Westerleigh, West Brighton, S. I., N. Y.
 Edith Elizabeth Montgomery.....91 Buena Vista Ave., N. Y. C.
 Caroline Morgan....."The Kenilworth," Toledo, Ohio
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 Margaret Morgan.....Wilkes Barre, Pa.
 Emily L. Morley.....Pensacola, Fla.
 Edna Mork.....2173 Bathgate Ave., New York City
 Elizabeth L. Morrissey.....Grand Rapids, Mich.
 Mary Moynahan.....Lowell, Mass.
 Ida Mühlich.....14 State St., Schenectady, N. Y.
 Frank E. Mullen.....203 W. 141st St., New York City
 Mary C. Mulligan.....227 Macon St., Brooklyn, N. Y.
 Agnes L. Murphy.....Irvington, N. Y.
 Edward J. Murray, A.B.....Pawtucket, R. I.
 Mary F. Myers.....397 Pleasant Ave., New York City
 Vincent Napoliello.....Armour Villa Park, Yonkers, N. Y.
 Alice M. Nelson.....1813 Thirteenth St., Washington, D. C.
 Manuel Neufeld.....91 W. 119th St., New York City
 Milton A. Newborn.....606 W. 14th St., Davenport, Iowa
 Harvey Newcomer, M.A.....23 Carroll St., Yonkers, N. Y.
 George Harvey Nicholls.....Clinton Ave., New Rochelle, N. Y.
 Grace Rebecca Nicholson.....216 W. 132d St., New York City
 Alice Nielson.....680 St. Nicholas Ave., New York City
 William D. Nixon.....1201 Eye St., N. E., Washington, D. C.
 °Arthur Gromann Noehren..Union Theological Seminary, N. Y. C.
 Belle Handy Noonan.....371 Sterling Pl., Brooklyn, N. Y.

- John Noone.....165 W. 12th St., New York City
 Florence B. Norminton.....568 Third Ave., New York City
 Elmira E. Noyes, A.B.....200 Dinwiddie St., Portsmouth, Va.
 Helen D. Nurick, A.B.....1618 Fifty-fourth St., Brooklyn, N. Y.
 Frances A. Nye.....Mystic, Conn.
 Alice L. O'Brien.....Plattsburg, N. Y.
 William J. O'Brien.....28 Cross St., Charlestown, Mass.
 Catharine O'Donnell.....436 Fifty-sixth St., Brooklyn, N. Y.
 *Edwin O'Neil.....761 Putnam Ave., Brooklyn, N. Y.
 *Maude Rollins Osborne.....1528 Bedford Ave., Brooklyn, N. Y.
 Jessie Overington.....2009 Madison Ave., New York City
 Mabel Budd Palmer.....195 Steuben St., Brooklyn, N. Y.
 *Maud Louise Parker,
 Waters and Willard Ave., Westerleigh, S. I., N. Y.
 W. Burton Patrick.....528 Broad St., Newark, N. J.
 *Carlton John Patton.....336 Beech St., Richmond Hill, L. I.
 *Eunice Amanda Perine.....2 Delaware Ave., Albany, N. Y.
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 Wm. Henry Perry, A.M., Pd.M.....Dobb's Ferry, N. Y.
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 *H. Bolton Pierce.....1908 Vyse Ave., New York City
 *Gwendoline Pike.....New Rochelle, N. Y.
 *Adelaide Poehlmann.....Waterloo, Ontario, Canada
 India Belle Poulson.....Seattle, Wash.
 Louise Powelson, A.B.....Middletown, N. Y.
 James Alfred Pratt.....42 Decatur St., Brooklyn, N. Y.
 *Leah Press.....506 W. 177th St., New York City
 *Gertrude A. Price.....514 Madison St., Brooklyn, N. Y.
 Isaac Price, B.S.....72 E. 96th St., New York City
 Henry A. Probey, A.B.....74 W. 52d St., New York City
 *Robert H. Proctor, M.A.....21 Decatur St., Brooklyn, N. Y.
 Iris Prouty.....Spencer, Mass.
 *Charles C. Puckhafer.....429 E. 143d St., New York City
 *Thomas Stephen Purtell.....173 Sixth St., Elmhurst, L. I.
 Herbert S. Putney.....351 E. 50th St., New York City
 Oscar Quick.....4 John St., Jamaica, L. I., N. Y.
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 Sarah Y. Raymond.....Ogdensburg, N. Y.
 Elizabeth Bingham Read.....2481 Valentine Ave., New York City
 Leslie A. Read, B.S.....Hailesboro, St. Lawrence Co., N. Y.
 Anna S. Ready.....162 W. 141st St., New York City
 *Elizabeth Redmond.....Westbury Station, N. Y.

- Ada Reed.....Spring Lake, N. Y.
^oWilliam E. Reed.....416 E. 9th St., Brooklyn, N. Y.
^oWilliam Haas Reese, Ph.B., M.S.....Allentown, Pa.
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May Hamilton Reynolds.....Central Park, New York City
^sWallace Reynolds.....115 W. 183d St., New York City
^cEnki RiFormosa, Japan
Blanche M. Rice.....Shippensburg, Pa.
Inez P. Rich, A.B.....Cattaraugus, N. Y.
Alice Richardson.....299 Washington Ave., Newark, N. J.
Florence Richardson.....299 Washington Ave., Newark, N. J.
Beatrice L. Rideout.....Absecon, N. J.
Nelson Grant Ritchie.....105 St. James Pl., Brooklyn, N. Y.
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Elizabeth Devereux Robinson.....2214 Andrews Ave., N. Y. C.
Lulu L. Robinson.....Livingston Manor, Sullivan Co., N. Y.
^oWarren Adams Roe.....11 Mt. Pleasant Ave., Newark, N. J.
Alice Hayward Ropes.....80 Sproat St., Detroit, Mich.
Elizabeth D. Rose.....Port Jefferson, N. Y.
Evangeline D. Rose, A.B.....Port Jefferson, N. Y.
Luella Rose.....8 Vineyard Ave., Yonkers, N. Y.
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Daniel Simon Roonig.....Weatherly, Pa.
^oHarry Rozinski78 E. 110th St., New York City
^oGrace Woodward Russell.....442 Greene Ave., Brooklyn, N. Y.
Margaret Ryan.....144 W. 60th St., New York City
Anna St. George.....1215 Fulton Ave., New York City
^aMilton Wilcox St. John.....Plainfield, N. J.
Elsie Sameth, A.B.....1775 Bathgate Ave., New York City
Adolf V. Scharwenka.....602 W. 13th St., New York City
Matthew J. Scherer.....515 Rutger St., St. Louis, Mo.
Anna K. Schneider.....54 Easton Ave., New Brunswick, N. J.
William G. Schneider.....65 Orawaupum St., White Plains, N. Y.
^oGeorge J. Schoenfeld.....249 W. 24th St., New York City
^oFrank SchorrWautagh, N. Y.
^aGeorge Schuck, Jr.....Marble Hill, New York City
Jacob Schwartz, A.B.....121 E. 90th St., New York City
^oMary B. Scott.....224 Lexington Ave., New York City

- Mary H. Scott (Mrs.).....Homer, N. Y.
 ^Walter W. Scott.....143 Van Nostrand Ave., Englewood, N. J.
 ^Christine Merle Scovel.....24 St. James Pl., Brooklyn, N. Y.
 ^Eugenie Serber, A.B.....140 W. 112th St., New York City
 ^Pauline M. Sesso.....116 E. 91st St., New York City
 Margaret Sexton.....122 W. 11th St., New York City
 Bina Seymour, A.B.....526 W. 150th St., N. Y.
 Ethel E. Shaner.....Bethlehem, Pa.
 Frieda Shapiro, A.B.....56 W. 127th St., New York City
 Julius Sharnosky.....240 Grant Ave., Roselle Park, N. J.
 Mary Madeleine Shaw.....120 Fountain St., Haverhill, Mass.
 Martin Doyle Shelly.....202 Valley Rd., Montclair, N. J.
 Ethel M. Sheridan.....20 E. 190th St., New York City
 Helen Sherwood.....246 Second St., Elyria, Ohio
 ^Rey M. Shissler.....115 Richmond Ave., Port Richmond, N. Y.
 Carolyn M. Sieb.....207 Tenth St., Hoboken, N. J.
 ^Charles W. Siedler, A.B.....314 E. 86th St., New York City
 Esther M. Siegel.....423 Ninth Ave., New York City
 Elizabeth Nelson Sill.....Penn Yan, N. Y.
 Olive Carroll Slater.....305 Robert St., Baltimore, Md.
 Lilian Slocum.....Erie, Pa.
 Alice A. Smith.....Central Bridge, N. Y.
 ^Frederick Smith.....Central Bridge, N. Y.
 Helen M. Smith.....Central Bridge, N. Y.
 Isabel F. Smith.....20 W. 109th St., New York City
 Marie Smith.....120 Grace St., Jersey City, N. J.
 ^Mary Louise Smith.....Saugatuck, Conn., Box 46
 Mary Smyth.....141 W. 117th St., New York City
 Mary Snow.....Lowell, Mass.
 ^Allen K. Snyder.....Wayne, N. J.
 ^George Henry Somerville.....2720 Creston Ave., New York City
 August Sonntag.....129 Newburg St. Laurence, Mass.
 Mary M. Souther.....Willimantic, Conn.
 Amelia B. Sprague.....3616 Morris Pl., Cincinnati, Ohio
 ^Orville B. Stacy, Jr.....Lynbrook, L. I.
 Emma M. Stannard.....Southington, Conn.
 ^Elizabeth Staudermann.....1132 Halsey St., Brooklyn, N. Y.
 Emilie H. Staudermann.....1132 Halsey St., Brooklyn, N. Y.
 James McElwane Sterling.....1273 Norwood Ave., Toledo, Ohio
 Ada C. Stettenberry.....1280 West Ave., Buffalo, N. Y.
 Charlotte V. Stewart...1809 Fourth St., N. W., Washington, D. C.
 Ata M. Stiles.....675 Emerson St., Watertown, N. Y.

Ethel M. Stone.....	401 W. Main St., Jackson, Mich.
Eva F. Stoner.....	Highspire, Pa.
Rae Patterson Struthers..	Care of M. R. Richards, Pocono Lake, Pa.
♂Mary A. Sullivan.....	2 Warren St., Cortland, N. Y.
♂Edward Sussmann, A.B.....	1160 Jackson Ave., Bronx, N. Y.
♂Annie Sutherland.....	124 Lexington Ave., New York City
♂Grace Swayze.....	525 W. 134th St., New York City
M. Elizabeth Swick.....	1442 N. Eden St., Baltimore, Md.
♂Rose A. Taaffe.....	365 Clifton Pl., Brooklyn, N. Y.
♂Hikoshiro Takemura.....	598 Broadway, N. Y., Tokyo, Japan
Elizabeth C. Tansy.....	Irvington-on-Hudson, N. Y.
Martha Tate.....	471 W. Main St., Clarksburg, W. Va.
Warren J. Taussig.....	29 W. 184th St., New York City
Cora Julia Taylor.....	1014 Elmwood Ave., Buffalo, N. Y.
Susie M. Taylor.....	1731 West Farms Rd., New York City
♂Sutherland G. Taylor, Jr....	207 Prospect Ave., Mt. Vernon, N. Y.
♂Gertrude M. Telke, Pd.M.,	438 St. Nicholas Ave., New York City
Lillian A. Terrel.....	54 Sterling Place, Brooklyn, N. Y.
M. Harry Tewey.....	Irvington, N. Y.
Margaret M. Tewey.....	Irvington-on-Hudson, N. Y.
Clyde Ordell Thompson.....	Mt. Vernon, N. Y.
♂Fred Thompson.....	Little Falls, N. J.
♂Martin J. Tierney.....	145 Meadow Lane, New Rochelle, N. Y.
Katherine Tobin.....	Lowell, Mass.
Mary Tobin.....	Lowell, Mass.
Matilda Dorothy Toerner.....	758 E. 160th St., New York City
♂Rachel F. Tolmach, A.B.....	64 E. 122d St., New York City
Ada Eckert Tompkins, B.S....	331 Riverdale Ave., Yonkers, N. Y.
Clara Garnetta Tompkins..	1919 13th St., N. W., Washington, D. C.
Eleanor Tompkins.....	Mamaroneck, N. Y.
Hattie Florence Towner.....	Middletown, N. Y.
Anna N. Travis.....	234 Center St., Orange, N. J.
M. Marcella Travis.....	234 Center St., Orange, N. J.
Suzanne Edith Tripp.....	Highland Falls, N. Y.
Alice M. Tripple.....	Jamaica Training School, Jamaica, N. Y.
Eugenia A. Tromble.....	144 Horton Ave., Detroit, Mich.
Emil Trostler, B.Sc.....	5 W. 132d St., New York City
Lewis Truckenbrodt, B.S.....	445 E. 136th St., New York City
Mary E. Tuthill.....	1424 Crotona Park, E., New York City
Horace Horton Underwood..	336 Washington Ave., Brooklyn, N. Y.
Herbert Moss Unger.....	241 E. 39th St., New York City
Blanche M. Utley.....	12, The Circle, Buffalo, N. Y.

Estelle Van Gordon.....	Cornwall-on-Hudson, N. Y.
² G. H. Van Tuyl.....	505 W. 135th St., New York City
² Charles D. Vasburgh.....	Lynbrook, N. Y.
Helen F. Voshage.....	4912 Cedar Ave., Philadelphia, Pa.
Robert Willard Walker.....	20 Dudley Pl., Yonkers, N. Y.
² Elizabeth Walter.....	631 E. 158th St., New York City
William John Warters.....	Winnipeg, Manitoba
² Annie T. Washburn.....	235 Claremont Ave., Montclair, N. J.
² Williard H. Waterbury.....	Niverville, N. Y.
Marion E. Watkins.....	732 E. 156th St., New York City
Helen E. Watson.....	81 Highland Ave., Auburn, Me.
Fred Madison Watts.....	45 Florida St., Springfield, Mass.
² Marie Henrietta Wedemeyer, A.B.,	80 Willoughby St., B'klyn, N. Y.
Madeleine T. Wehle.....	2846 Marion Ave., New York City
Max E. Weiner, A.B.....	858 Cauldwell Ave., New York City
² Betta Weiss.....	329 W. 28th St., New York City
James J. Welch.....	802 Broadway, Albany, N. Y.
² Milton O. Werner.....	2592 Atlantic Ave., Brooklyn, N. Y.
Charlotte W. Wetherbee.....	305 E. 158th St., New York City
Harris Wiener.....	231 Henry St., New York City
Harry Wiesner.....	373 Edgecombe Ave., New York City
Gwilym Walter Williams.....	New Bedford, Mass.
Leonard A. Williams.....	St. Cloud, Minn.
Annie M. Wilson....	1017 Twelfth St., N. W., Washington, D. C.
Clara A. Wilson.....	Ed. Dept., Cleveland, Ohio
Effe Mabelle Wilson.....	Findlay, Ohio
Lillian Wines.....	11 Ninth St., S. E., Washington, D. C.
Francis H. Wing.....	Gowanda, N. Y.
Margaret S. Winslow.....	133 Berkeley Pl., Brooklyn, N. Y.
Howard D. Wise.....	3139 Valleja, Denver, Colo.
Maud A. Wood.....	Muskegon, Mich.
Anna L. Woods.....	Liberty Corner, N. J.
Ida B. Woodward.....	14 Lancaster St., Worcester, Mass.
Emma E. Wright.....	161 Manor Ave., Cohoes, N. Y.
Gertrude Wynkoop.....	266 W. 131st St., New York City
² G. Albert Zimmerann.....	1 W. 70th St., New York City
² William A. H. Zink.....	403 Palisade Ave., West Hoboken, N. J.
Arthur Zinkin.....	883 Lexington Ave., Cincinnati, Ohio
Total.....	626

The University Law School

Roll of Students, 1908-1909

Candidates for the Degree of Juris Doctor

Bernstein, Jacob A., A.B. (U), LL.B. (U)..Mount Vernon, N. Y.
Bruning, Florence E., A.B. (N), LL.B., LL.M. (U),

Graham Court, 116th St. and Seventh Ave., N. Y. C.

Carlson, Frank, A.B. (Minn), A.M. (Wash) LL.B. (NL),
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Clendenin, William W., A.B. (Mo), A.M. (H), LL.B. (U),

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Fisher, Mary Hedges, A.B. (B), LL.B. (U),

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Neugass, Minnie, A.B. (N), LL.B. (U)...257 W. 132d St., N. Y. C.

Potter, Helen, A.B. (S), LL.B. (U).....315 W. 97th St., N. Y. C.

Seaver, Oscar Seidel, A.B. (H), LL.B. (U)...35 E. 31st St., N. Y. C.

Selwyn-Brown, Arthur, M.A. (U), 332 W. 55th St., New York City

Swartz, Henry, A.B. (U), LL.B. (U).....1033 Kelly St., N. Y. C.

Thomas, Abel Cary, A.B. (Y)...319 W. 84th St., New York City

TOTAL.....12

Candidates for the Degree of Master of Laws

Amster, Henry, LL.B. (U).....267 W. 140th St., New York City

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*Brach, John R. R.....162 E. 36th St., New York City

Cameron, William D., LL.B. (U)..50 E. 196th St., New York City

Carlin, Edward A., LL.B. (Y)...152 W. 84th St., New York City

Chapman, Walter E., LL.B. (U)..107 E. 23d St., New York City

Cohn, Arthur Samson, LL.B. (U).....1508 Second Ave., N. Y. C.

*Cohn, Maurice M.....314 E. 67th St., New York City

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Davis, Leslie A., Ph.B. (Co), LL.B. (C).....49 Wall St., N. Y. C.

Demovitch, Jacob S., LL.B. (U)..25 McKibben St., Brooklyn, N. Y.

Deshel, Morris, LL.B. (U).....646 E. 183d St., New York City

Edwards, LeRoy G., LL.B. (U).....267 W. 114th St., N. Y. C.

Fabricant, Louis, LL.B. (U).....1 E. 106th St., New York City

Fleischer, Sidney, LL.B. (U)...468 Twelfth St., Brooklyn, N. Y.

Geiger, David, LL.B. (U).....	1656 Third Ave., New York City
Goldstein, Moe, LL.B. (U).....	267 W. 113th St., New York City
Gottlieb, Maxwell, LL.B. (U).....	173 Amity St., Flushing, N. Y.
Grossfield, Louis I., LL.B. (U)...	3 Glenmore Ave., Brooklyn, N. Y.
Grossfield, Morris, Jr., LL.B. (U),	3 Glenmore Ave., Brooklyn, N. Y.
Haines, George Harold, LL.B. (NL),	305 Union Building, Newark, N. J.
Hayden, Frank Case, LL.B. (U),	346 W. 145th St., New York City
Heathcote, George Milton, LL.B. (NL)....	215 W. 23d St., N. Y. C.
Henriques, Fernando, LL.B. (U)...	441 W. 23d St., New York City
Herbert, James, LL.B. (U)...	402 Clermont Ave., New York City
Knapp, Harold Conover, B.S. (U), LL.B. (U),	90 William St., New York City
Kotcher, Gabriel, LL.B. (U)...	1838 Prospect Place, Brooklyn, N. Y.
Leggatt, William R., LL.B. (BL)...	443 E. 143d St., New York City
Levitan, Abraham, LL.B. (U)...	640 Tonnelle Ave., Jersey City, N. J.
Levy, George Morton, LL.B. (U).....	Freeport, L. I.
Lindsay, Alexander J., LL.B. (U)...	62 Cedar St., New York City
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Macnab, Alvin Ira, LL.B. (U)...	106 W. 130th St., New York City
Magen, Ernest Joseph, LL.B. (U)...	235 Broadway, New York City
Maller, Daniel, LL.B. (U).....	351 Stone Ave., Brooklyn, N. Y.
*Mariash, Anna.....	3000 W. 3d St., Brighton Beach, N. Y.
Moorhead, Rutherford Schenck, LL.B. (U),	387 Bergen St., Brooklyn, N. Y.
Morton, Thomas James, LL.B. (U),	113 Schenectady St., Brooklyn, N. Y.
Oberwager, Charles A., LL.B. (U).....	28 St. Mark's Pl., N. Y. C.
Previn, Leo, LL.B. (U).....	235 E. 79th St., New York City
Puckhafer, George James, LL.B. (U).....	429 E. 143d St., N. Y. C.
Russell, Charles Edmund, LL.B. (U),	Hotel St. George, Brooklyn, N. Y.
Shapiro, Isadore, LL.M. (U).....	425 Grand St., New York City
Spierling, William F., LL.B. (NL).....	Demarest, N. J.
Tishman, David.....	25 W. 90th St., New York City
Van Derlyn, Harold DuBois, LL.B. (U),	150 Woodworth Ave., Yonkers, N. Y.
Zimmerman, Thomas L., Jr., LL.B. (NL),	463 Hancock St., Brooklyn, N. Y.

TOTAL.....47

*LL.B. earned, but not conferred until June, 1909.

Special Third Year Students

Byrne, Richard M.....	967 Manhattan Ave., Brooklyn, N. Y.
Day, Benjamin Mulford, LL.B., LL.M. (U),	
Graham Court,	116th St. and Seventh Ave., New York City
Dunne, Thomas Francis.....	307 E. 37th St., New York City
Friedman, Charles I.....	109 St. Mark's Place, New York City
Goldweber, William M.....	Bayonne, N. J.
Halamka, Joseph..	Hartley Hall, Columbia Univ., New York City
Kaufman, Silman Jay.....	200 W. 119th St., New York City
Payne, Gordon H.....	160 Broadway, New York City
Roberts, Ralph E.....	32 Nassau St., New York City
Rubin, Jacob.....	44 W. 24th St., Bayonne, N. J.
Shields, Harry J.....	361 Bergen St., Brooklyn, N. Y.
Singer, Henry, A.M. (P), LL.B. (NL),	
	217 Spring St., W. Hoboken, N. J.
Van Alen, Henry M.....	177 Emerson Place, Brooklyn, N. Y.
Walker, Charles Herbert.....	137 Milford Ave., Newark, N. J.
TOTAL.....	14

Senior Class—Morning Division

(* Denotes Special Students.)

Back, Harry A.....	312 Monroe St., Brooklyn, N. Y.
*Barach, Nathan.....	347 E. 10th St., New York City
*Barondess, Joseph.....	1530 Fifty-second St., Brooklyn, N. Y.
Bernardik, Alexander.....	226 E. 51st St., New York City
*Bernstein, Mortimer B.....	129 W. 126th St., New York City
Bivona, Alfonso.....	317 E. 31st St., New York City
Bookman, Irving H.....	481 E. 141st St., New York City
Caraglia, Fioravante.....	5 Beekman St., New York City
Clayton, Byron.....	87 Clifton Ave., Newark, N. J.
Clendinen, Thomas R.....	Coytesville, N. J.
Cook, Claude E.....	Hackettstown, N. J.
*Crosby, Alice Marion, Ph.B. (B).....	Matteawan, N. Y.
Diamant, Nathan.....	162 Harrison Ave., Brooklyn, N. Y.
Eastland, Thorwald W.....	426 Fifty-ninth St., Brooklyn, N. Y.
Eisler, Benjamin.....	65 Suydam St., Brooklyn, N. Y.
Elmore, J. Laurens, A.B. (Ri).....	Englewood, N. J.
Eustis, Sarah E., A.B. (Wel.), University Heights,	New York City
Farrell, James William.....	230 E. 34th St., New York City
Fay, Edward E.....	140 Macon St., Brooklyn, N. Y.
Fischer, Conrad Hugo.....	61 Henry St., Orange, N. J.
Fischman, Samuel Allen.....	50 E. 99th St., New York City

- Friedman, Morris.....506 Monroe St., Brooklyn, N. Y.
- *Friedman, Benjamin R.....Paterson, N. J.
- Gemson, Irving, B.S. (CC).....316 E. 3d St., New York City
- Gillespie, Edward L., A.B. (Y), 72 Forest St., Stamford, Conn.
- *Goldstein, David.....253 Hart St., Brooklyn, N. Y.
- *Gordon, Eugene.....338 E. 15th St., New York City
- Gross, Harold.....38 W. 120th St., New York City
- Gross, Isaac.....895 Bergen Ave., Jersey City, N. J.
- *Halperin, Julius.....184 East New York Ave., Brooklyn, N. Y.
- Hoehn, Rudolf G.....804 St. Nicholas Ave., New York City
- Hoy, Theodore B., B.S. (Bu),
43 S. Walnut St., E. Orange, N. J.
- *Huete, Modesto Saenz.....31 W. 25th St., New York City
- *Korn, Samuel.....22d and Gravesend Aves., Brooklyn, N. Y.
- Lichtman, Samuel.....7 Rivington St., New York City
- London, Milton.....64 W. 115th St., New York City
- Macdonald, Grace E., A.B. (N).....803 Madison Ave., N. Y. C.
- Marks, Theodore.....4 W. 13th St., New York City
- Markun, Harry.....1663 Washington Ave., New York City
- Miller, Moses.....Port Chester, N. Y.
- Molina, Henry G.....North 11th St., Newark, N. J.
- Neilinger, Samuel.....112 W. 114th St., New York City
- *Norden, Charles Max.....1225 Madison Ave., New York City
- O'Leary, Arthur T., M.S. (Man).....74 E. 93d St., New York City
- *Ottensoser, Nathan.....611 W. 111th St., New York City
- Salzer, Max Henry.....433 Bushwick Ave., Brooklyn, N. Y.
- Samuels, Abraham Isaac.....New Brunswick, N. J.
- Saunders, Francis Anthony.....251 W. 122d St., New York City
- Saporito, Frank Anthony.....Wakefield, New York City
- *Schacht, William.....227 Hart St., Brooklyn, N. Y.
- Seidler, Janet.....100 E. 4th St., New York City
- Sheil, Cecilia M.....3300 Williamsbridge, New York City
- Shevell, Simon.....86 W. 119th St., New York City
- Small, Harold G.....770 North Broadway, Yonkers, N. Y.
- *Spencer, William Henry.....New Durham, N. J.
- Steinfeld, Harry N.....1414 Eastern Parkway, Brooklyn, N. Y.
- Stockman, Goldie.....611 E. 11th St., New York City
- Stokes, Frederick Irving.....19 W. 106th St., New York City
- *Stone, William Clinton.....881 Jackson Ave., New York City
- Sullivan, Frederick Jay, A.B. (U).....601 W. 182d St., N. Y. C.
- Thorpe, George C., Major (U.S.N.),
116th St. and Seventh Ave., New York City

Tonkonogy, Fredericka Theresa, 106 Rivington St., New York City	
Usdansky, Sarah.....	316 W. 40th St., New York City
Whalen, H. Stevenson.....	279 East Broadway, New York City
Whittemore, Violet Adelaide, A.B. (N),	
	1230 Amsterdam Ave., New York City
Wood, Frederic J.....	Babylon, N. Y.
TOTAL.....	66

Senior Class—Afternoon Division

Aaron, Blanche.....	63 E. 123d St., New York City
Allen, Maurice J.....	301 E. 161st St., New York City
Anderson, Alexander Louis, Homestead Park, New Rochelle, N. Y.	
Apfel, Isadore.....	214 E. 7th St., New York City
Arent, Maxwell.....	5 Thorn St., Jersey City, N. J.
*Banner, Joseph.....	76 Columbia St., New York City
Barnett, Arnold H., A.B. (CC), 54 E. 129th St., New York City	
Barondess, Jeannette.....	1530 Fifty-second St., Brooklyn, N. Y.
*Bates, Harry Ira, Ph.B. (Y)....	505 W. 148th St., New York City
Becker, Isaac	Hartford, Conn.
*Berkowitz, Benjamin Bennett.....	29 Ave. B, New York City
*Berkowitz, Jacob H.....	85 E. 10th St., New York City
Bernstein, Joseph Max.....	311 Stockton St., Brooklyn, N. Y.
Biegeleisen, Joseph Z.....	1820 Lexington Ave., New York City
Bilder, Jacob O.....	514 Lenox Ave., New York City
*Blaicher, Hilmar E.....	78 Belmont Ave., Newark, N. J.
Boneparth, Solomon, A.B. (CC), 1643 Madison Ave., N. Y. C.	
Boudin, Joseph B., A.B. (CC), 347 Bradford St., Brooklyn, N. Y.	
*Braun, Antoinette.....	1017 Trinity Ave., New York City
Bunting, Frederic H.....	317 W. 23d St., New York City
Caplan, Elias, A.B. (CC).....	30 Ridge St., New York City
Cahan, Morris, A.B. (Ci)....	10 Montgomery St., New York City
Calitri, Antonio.....	354 W. 24th St., New York City
*Carley, Benjamin Lambert.....	363 E. 136th St., New York City
*Ciccarelli, Albert A.....	Weehawken, N. J.
*Clark, Matthew James.....	109 W. 82d St., New York City
Cohen, Abraham Sidney....	217 Manhattan Ave., New York City
Cohn, Paul, A.B. (CC).....	12 W. 115th St., New York City
*Cook, Abraham.....	1633 Eighth Ave., Brooklyn, N. Y.
Cook, Ida.....	1633 Eighth Ave., Brooklyn, N. Y.
Cronan, Richard J., A.B. (CC), 50 Prospect Pl., New York City	
Crowley, Daniel F.....	2142 Mapes Ave., New York City
*Davison, Julius.....	50 W. 112th St., New York City

- Dee, Thomas Joseph.....249 Park Ave., Yonkers, N. Y.
 Degen, Charles Harvey, A.B. (CC).....323 E. 10th St., N. Y. C.
 DeNovellis, Umberto A.....103 Waverly Place, New York City
 Eisenberg, Milton M.....457 Hopkinson Ave., Brooklyn, N. Y.
 *English, John Fitzgerald.....306 W. 90th St., New York City
 Enselman, Isidor.....317 Madison St., New York City
 Epstein, Harry Randolph.....2014 Seventh Ave., New York City
 Farrell, James A., A.B. (CC).....3253 Hull Ave., New York City
 Feldstein, Herman H.....1227 Forty-first St., Brooklyn, N. Y.
 Fenster, Abraham.....40 Mercer St., Newark, N. J.
 *Fife, Elias.....80 E. 7th St., New York City
 *Finkelstein, David Morris.....2168 Dean St., Brooklyn, N. Y.
 Fischman, Jacob.....66 Chestnut St., Yonkers, N. Y.
 Fishel, Harry Paul.....Babylon, L. I., N. Y.
 Frank, Jacquin.....112 Eldridge St., New York City
 Freeman, Ralph, A.B. (A).....346 Broadway, New York City
 Friedman, Emanuel.....211 E. 124th St., New York City
 Fuerstman, Joseph A.....316 Littleton Ave., Newark, N. J.
 Gilmore, Frederic Henry.....Nutley, N. J.
 Goldberger, Sidney, B.S. (CC)....60 Avenue D, New York City
 Goldman, Isidor Nathaniel.....188 Madison St., New York City
 Goldman, Louis.....5 Willett St., New York City
 Goldstein, Jack D.....62 W. 119th St., New York City
 Grabschrift, Morris.....55 Second St., New York City
 *Green, Robert D.....2860 Webster Ave., New York City
 *Greenbaum, Reuben.....342 E. 50th St., New York City
 Grubel, Jacob L.....1290 First Ave., New York City
 Greenberg, Abraham, A.B. (CC)....3 E. 101st St., New York City
 *Greenhaus, Abraham Saul....343 Columbus Ave., New York City
 Gross, Max, A.B. (CC)....1523 Washington Ave., New York City
 Haggerty, Thomas Francis..626 McDonough St., Brooklyn, N. Y.
 Harber, Samuel.....Weehawken, N. J.
 Haring, Alexander, C.E. (T).....University Heights, N. Y. C.
 *Henkel, Matthew A.....339 E. 18th St., New York City
 Hennings, Albert.....710 Ninth Ave., Long Island City, N. Y.
 Holland, Charles J., A.B., A.M. (U), 222 W. 141st St., N. Y. C.
 Hurvitz, Nathaniel Maurice.....124 E. 117th St., New York City
 Isherwood, Howard.....706 Clifton Ave., Newark, N. J.
 Jacobs, Sol E.....278 Columbia St., Brooklyn, N. Y.
 *Jacobs, Jerome Arnold.....557 W. 148th St., New York City
 Jumnefsky, Simon Judah, A.B. (CC).....157 Suffolk St., N. Y. C.
 Jurawner, Joseph.....311 Stanton St., New York City

- *Kelmenson, Nathan.....249 S. 3d St., Brooklyn, N. Y.
- *Klapp, William165 Broadway, New York City
- Kovensky, Max.....78 Amboy St., Brooklyn, N. Y.
- Kraemer, Joseph.....103 Camden St., Newark, N. J.
- Krasman, Ernest.....67 Bloomfield St., Hoboken, N. J.
- *Lazarus, Lester.....271 Seventh St., New York City
- Leiman, Nathan Daniel.....168 Delancey St., New York City
- *Lessler, Max.....114 Division St., New York City
- Levine, Abraham Maurice, A.B. (CC),
259 S. 9th St., Brooklyn, N. Y.
- Levine, William, A.B. (CC).....3 W. 115th St., New York City
- *Levinson, Jesse A.....22 E. 90th St., New York City
- Levy, Irwin Isidore.....225 E. 113th St., New York City
- Lewkowitz, Sidney, B.S. (CC)....100 E. 123d St., New York City
- Lillis, Charles Edward, A.B. (U),
545 Garfield Ave., Jersey City, N. J.
- *Locker, Frank.....24 Attorney St., New York City
- McCormick, Thomas P., A.B. (St. F. X.), 213 E. 61st St., N. Y. C.
- Malkenson, Arthur Lyon, A.B. (CC),
366 New Jersey Avenue, Brooklyn, N. Y.
- *Markowitz, Gustave.....401 E. 16th St., New York City
- Meyers, HarryPassaic, N. J.
- Miller, William R., Pd.D. (U)..311 E. 26th St., New York City
- *Mitchell, Henry B.....222 E. 99th St., New York City
- Montgomery, Finis Ewing, A.B. (W&J)..1133 Broadway, N. Y. C.
- Myers, Priscilla N.....12 E. 9th St., New York City
- Nelson, Theodore, B.S. (H)..344 Lafayette Ave., Brooklyn, N. Y.
- *Niederlitz, Joseph Daniel.....328 Central Ave., Jersey City, N. J.
- Norris, Jean Hortense.....29 E. 29th St., New York City
- O'Brien, Joseph Albert.....16 Court St., Brooklyn, N. Y.
- Orenstein, Henry M.....84 Ave. B, New York City
- Palitz, Clarence.....1705 Bathgate Ave., New York City
- *Peyser, Harry Morris.....393 Grand St., Brooklyn, N. Y.
- Pinner, Ferdinand.....463 So. Belmont Ave., Newark, N. J.
- Porter, Leonard.....Pelham Heights, N. Y.
- Preger, J. Milton.....824 Third Place, Plainfield, N. J.
- Quackenbush, Ernest L., A.B. (Co.), 419 Main St., Orange, N. J.
- Ranlett, Helen Augusta, A.B. (R)....17 Madison Sq. N., N. Y. C.
- *Rashkes, Meyer.....115 Wickliffe St., Newark, N. J.
- *Regan, Jere T.....344 E. 29th St., New York City
- *Rivkin, Herman.....351 Watkins St., Brooklyn, N. Y.
- Robson, Maxwell Elihu, A.B. (CC).....27 Avenue D, N. Y. C.

- *Rochester, William Lansing,
 Zeta Psi House, University Heights, New York City
 Roeder, Samuel Moses.....174 E. 95th St., New York City
 Rosenschein, Charles Saul.....131 W. 137th St., New York City
 Rothaus, Charles.....284 Hinsdale St., Brooklyn, N. Y.
 Rothenberg, Jacob.....236 Lee Ave., Brooklyn, N. Y.
 Sachs, Jacob, A.B. (CC)....1447 Fifty-eighth St., Brooklyn, N. Y.
 *Scannell, Frank J.....128 E. 31st St., New York City
 *Schechter, Jacob.....62 Sheriff St., New York City
 Schwab, John A., B.S. (CC)....814 Hewitt Pl., New York City
 Schwartz, David Louis.....160 East Broadway, New York City
 Schwartz, Morris, A.B. (U)....753 Trinity Ave., New York City
 Seidman, Charles.....128 Hart St., Brooklyn, N. Y.
 *Sena, Harry.....63 Pitt St., New York City
 *Siegler, Joseph.....60 Rutgers St., Newark, N. J.
 Simonoff, Abraham.....20 E. 109th St., New York City
 Speiser, Milton.....68 W. 117th St., New York City
 Springstead, Charles Alonzo, A.B. (Ham).....Westfield, N. J.
 Stats, Guthrey Philip, B.S. (CC)..237 E. 11th St., New York City
 *Steierman, Charles Jacob,
 7 Sumner Ave., Williamsburg, Brooklyn, N. Y.
 Strausman, David.....81 E. 4th St., New York City
 Sullivan, Richard Austin, A.B. (CC).....206 E. 7th St., N. Y. C.
 *Teigeler, Dietrich.....606 Bloomfield St., Hoboken, N. J.
 Vallentine, B. B.....10 W. 39th St., New York City
 *Van Houten, Albert Eugene.....73 Cliff Ave., Yonkers, N. Y.
 Voit, Manuel M.....23 Hart St., Brooklyn, N. Y.
 Wallin, George Valentine, B.S. (U)..161 Elm St., Yonkers, N. Y.
 Wallin, Walter Watson.....161 Elm St., Yonkers, N. Y.
 *Wasser, Charles.....108 Bowery, New York City
 Weinstein, Albert A.....979 Putnam Ave., Brooklyn, N. Y.
 Weiss, Fred Francis.....156 E. 94th St., New York City
 *Weit, Solon.....153 S. 4th St., Brooklyn, N. Y.
 Whalen, Thomas James, A.B. (St F X),
 53 Washington Sq., New York City
 Wolff, Edwin R.....606 W. 137th St., New York City
 TOTAL SENIOR CLASS AFTERNOON DIVISION..148

Junior Class—Morning Division

- *Bag, Benjamin.....1027 Flushing Ave., Brooklyn, N. Y.
 Barrett, Hugh C., A.B. (P)..16 Washington Place, Newark, N. J.
 *Bon Durand, Robert Oliver.....17 E. 9th St., New York City

- *Broder, Sarah Beatrice.....19 W. 115th St., New York City
- *Brown, Edward F.....331 Sixth St., New York City
- Cassasa, Ida.....46 East Ave., Long Island City, N. Y.
- Cavanaugh, William Peter.....630 W. 135th St., New York City
- Colodny, Isidor, Ph.B., A.M. (Vt.),
2125 Eighty-first St., Bensonhurst, N. Y.
- Cornish, Reynelle G. E.....211 Maple St., Richmond Hill, N. Y.
- Cothren, Marion B., A.B. (V), A.M. (C),
173 So. Oxford St., Brooklyn, N. Y.
- Coyne, Isaac Henry.....19 Rutgers St., Newark, N. J.
- Crolly, Herbert Spencer.....Pleasantville, N. Y.
- Cross, Mark Hamilton.....36 Madison Ave., Jersey City, N. J.
- Dix, Maurice James.....1650 Park Ave., New York City
- *Duschnes, Gustave S.....180 St. Nicholas Ave., New York City
- Egelson, Joshua.....240 Harrison St., Brooklyn, N. Y.
- *Fein, Samuel H.....86 Vernon Ave., Brooklyn, N. Y.
- Fichter, Morris M., A.B. (CC).....100 W. 121st St., New York City
- Froelich, Henry.....202 W. 136th St., New York City
- *Glass, Louis P.....297 Wallabout St., Brooklyn, N. Y.
- *Gross, Benjamin.....895 Bergen Ave., Jersey City, N. J.
- Grosso, Alfred J.....34 Forrest St., Orange, N. J.
- Hannoch, Herbert Joseph.....10 Belmont Ave., Newark, N. J.
- Harkavy, Henry.....820 Dawson St., New York City
- Harris, Bernard, B.S. (CC).....204 W. 121st St., New York City
- *Heatter, Gabriel.....422 Stone Ave., Brooklyn, N. Y.
- *Heimsoth, Joseph William.....726 St. Nicholas Ave., New York City
- Herbst, Max, D.D.S. (N Y Col).....460 Grand St., New York City
- Hoffenberg, Joseph Aaron.....30 Pike St., New York City
- Howland, Randolph H.....164 Wildwood Ave., Upper Montclair, N. J.
- *Ingal, Nellie Kenner.....South Road, Poughkeepsie, N. Y.
- Israel, Mortimer Henry.....203 E. 115th St., New York City
- Joy, Malcolm Francis.....602 W. 137th St., New York City
- Kahn, Michael Morris.....112 Debevoise St., Brooklyn, N. Y.
- Kalb, Febus.....255 W. 111th St., New York City
- *Kennedy, Charles John.....1055 Forest Ave., New York City
- *Knecht, William P.....1420 Madison Ave., New York City
- *Koeppel, Isadore Samuel.....445 Sackman St., Brooklyn, N. Y.
- Krohn, Louis Emanuel.....Utica, N. Y.
- Lavitt, Morris.....540 E. 5th St., New York City
- Lawrence, Chester Thomas.....Dalton, Mass.
- Levy, Benjamin William.....2111 Third Ave., New York City
- *Levy, Herman Henry.....231 S. 2d St., Brooklyn, N. Y.

Wolman, Aaron Abraham.....Holyoke, Mass.
 Zinovoy, Israel Hyman.....175 Henry St., New York City

TOTAL JUNIOR CLASS—MORNING DIVISION....86

Junior Class—Afternoon Division

*Ackerman, Bernard M.....1534 Webster Ave., New York City
 Adler, Emil.....144 W. 111th St., New York City
 *Alling, Jessie Sinclair.....Station H, New York City P. O.
 Altman, Samuel.....210 W. 133d St., New York City
 Arbuckle, William Chantler.....17 Chestnut St., Yonkers, N. Y.
 Ascher, Herbert.....241 W. 135th St., New York City
 Axelrad, Jacob.....358 E. 57th St., New York City
 *Bauer, Frederick E.....132 Summit Ave., W. Hoboken, N. J.
 *Baumet, William.....388 E. 8th St., New York City
 Beecher, Daniel, A.B. (A)....137 So. 3d Ave., Mt. Vernon, N. Y.
 *Berwitz, Michael.....214 Chrystie St., New York City
 *Bloch, Maurice.....447 E. 88th St., New York City
 Bower, Frank Albert.....26 E. 13th St., New York City
 *Broder, Abraham.....217 Forsyth St., New York City
 *Bromberger, Edgar.....112 E. 89th St., New York City
 *Brown, William Hetherington..99 Garfield Place, Brooklyn, N. Y.
 Campbell, William Bloomfield....428 E. 140th St., New York City
 Cooper, Samuel B., A.B. (CC).....64 Ave. C, New York City
 Cummins, Richard, B.S. (Col)....203 E. 61st St., New York City
 Demarest, William Howard.....70 Ninth Ave., Newark, N. J.
 DeSanctis, Vincent James.....125 Thompson St., New York City
 Doyle, William Thomas.....373 Edgecomb Ave., New York City
 Fallon, Richard Leo.....New Rochelle, N. Y.
 Feinberg, Solomon.....143 Seventeenth St., Brooklyn, N. Y.
 Fielding, Warren Chennells, B.S. (CC)..111 E. 177th St., N. Y. C.
 *Fisch, Abraham M.....129 Rivington St., New York City
 *Frankel, Frank.....504 Schenck Ave., Brooklyn, N. Y.
 Glueckfield, Ira Benjamin.....73 Livingston St., Newark, N. J.
 Gordon, Guy W., Ph.B. (Ham).....Roselle, N. J.
 *Gottlieb, Julius Cornelius.....136 Graham Ave., Brooklyn, N. Y.
 Haas, Philip, B.S. (CC).....63 Second Ave., New York City
 Hartstein, Benjamin Arthur.....90 Goerck St., New York City
 *Hirson, Max Mortimer.....1745 Bathgate Ave., New York City
 *Hughes, C. Carl.....56 Park Place, Newark, N. J.
 Hurley, Thomas Lester, A.B. (C).....426 W. 160th St., N. Y. C.
 Ivory, William J., M.D. (LIC)..441 W. 47th St., New York City

- Jackson, John H., A.B., (CC)....273 W. 11th St., New York City
 Joffe, Joseph.....1448 Fifth Ave., New York City
 Joubin, Jules V.....68 W. 10th St., New York City
 Kahn, Joseph, B.S. (CC), Ph.D. (U).....5 E. 106th St., N. Y. C.
 Kanrich, Nathan G.....22 Morningside Ave., New York City
 Kaplan, Julius, A.B. (CC).....870 E. 170th St., New York City
 *Kevelson, Hyman Bernard.....324 E. 24th St., New York City
 Kleiner, Fanny.....66 Rivington St., New York City
 *Kleiner, Michael.....66 Rivington St., New York City
 Knapp, Mark Israel, M.D. (U Med)...616 Madison Ave., N. Y. C.
 *Kreisberg, Adolph.....213 E. 18th St., New York City
 Krinsky, Morris.....136 Lexington Ave., Brooklyn, N. Y.
 *Krueger, Max.....184 So. Orange Ave., Newark, N. J.
 Kutscher, Harry.....100 Broad St., Stapleton, S. I.
 Laddey, John V., D.V.S. (U).....Arlington, N. J.
 *Landersman, Benjamin.....117 Ellery St., Brooklyn, N. Y.
 Lavery, Edgar R.....132 W. 46th St., New York City
 Lawrence, Stanton T. G.....Rutherford, N. J.
 *Lebett, Charles.....968 Lafayette Ave., Brooklyn, N. Y.
 *Leiffer, Louis.....92 S. 2d St., Brooklyn, N. Y.
 *Levene, Solly.....19 E. 88th St., New York City
 Lincoln, Preston Shepard.....405 Lenox Ave., New York City
 Lippman, Martin G., B.S. (U)..1302 Findlay Ave., New York City
 Lipschutz, Berthold, B.S. (CC)..49 W. 131st St., New York City
 Longworth, John Bernard.....Hewlett, L. I.
 Mandelstam, Abraham, A.B. (CC)...97 Hamilton Place, N. Y. C.
 Mannheimer, Albert, B.S.(CC)..133 W. 138th St., New York City
 Maran, Jacob.....6 E. 108th St., New York City
 *Matienzo, Jose B.....203 W. 106th St., New York City
 *Maupin, Robert W.....1663 E. 21st St., Brooklyn, N. Y.
 *Meyers, Rose Natalie.....Bloomfield, N. J.
 Morris, George Linn.....70 Dellason Ave., Youngstown, Ohio
 Nadel, Lewis.....134 Clinton St., New York City
 Ogust, Louis.....86 Lenox Ave., New York City
 Perlman, Morris.....110 W. 137th St., New York City
 Perlstein, Philip, A.B. (CC).....183 E. 116th St., New York City
 Plotkin, Samuel C., B.S. (CC)...213 Henry St., New York City
 Pomfret, John, Jr.....81 Paterson Ave., Paterson, N. J.
 *Robbins, Leo.....158 E. 79th St., New York City
 Rose, Joseph H.....358 Sackman St., Brooklyn, N. Y.
 Rosenfeld, William.....46 Henry St., New York City
 *Rosenfeld, Saul.....118 E. 90th St., New York City

- Rosenthal, Morton Irving, B.S. (CC).....64 E. 94th St., N. Y. C.
 *Rosenthal, Sara L.....92 Orchard St., New York City
 Ruby, Conrad J.....536 Willoughby Ave., Brooklyn, N. Y.
 *Schaap, Joseph Mansfield....480 Prospect Place, Brooklyn, N. Y.
 *Schaem, Jesse.....361 W. 51st St., New York City
 *Scheuer, Bertram.....100 W. 141st St., New York City
 *Schlesinger, Isidor E.....945 Second Ave., New York City
 Schwartz, Abraham Meyer....1070 Second Ave., New York City
 *Sender, Charles Salo.....73 E. 92d St., New York City
 *Shachme, Calman.....70 Varet St., Brooklyn, N. Y.
 *Silverstein, Franklyn M.....14 E. 125th St., New York City
 *Soffer, Henry Alfred.....388 Grand St., New York City
 *Solovei, Joseph Alexander.....68 Thatford Ave., Brooklyn, N. Y.
 Southard, Percy Garner.....Ocean Side, L. I.
 *Stieglitz, Charles.....2041 Washington Ave., New York City
 Stolper, Benjamin John, B.S. (CC)..1625 Madison Ave., N. Y. C.
 Stone, Claude Mortimer, A.B. (Col).....Troy, Pa.
 Stringham, Emerson.....436 E. 138th St., New York City
 Taubenfeld, David.....18 W. 112th St., New York City
 Tietjen, Richard W.....59 W. 86th St., New York City
 Toomey, Neil J.....Taunton, Mass.
 Towle, Mary Rutter, A.B., A.M. (BM),
 107 Waverly Place, New York City
 *Trotta, Emanuele.....137 Allen St., New York City
 Ungar, George Fisher.....7 W. 37th St., New York City
 Van der Burgh, LeRoy.....Hackensack, N. J.
 Ward, Egbert Hammond Pinneo, A.B. (C)...White Plains, N. Y.
 Weinstein, Frank.....32 Broome St., Brooklyn, N. Y.
 *Werner, David Crispus.....210 Chester St., Brooklyn, N. Y.
 *Wolf, H. Edward.....91 West St., Newark, N. J.
 *Wolf, Isidor D.....97 W. 143d St., New York City
 *Wolfsohn, Louis.....403 Grand St., New York City
 Woodworth, Leon Mortimer....432 Greene Ave., Brooklyn, N. Y.

TOTAL JUNIOR CLASS—AFTERNOON DIVISION...III

First Year Evening Class

- Amalfitano, Cristoforo Paul.....554 Grand St., New York City
 Ashby, Aubrey Leonard, A.B. (Ol),
 191 Berkeley Place, Brooklyn, N. Y.
 Bannon, William G.....Stapleton, S. I.
 Bernstein, Louis.....207 W. 118th St., New York City
 *Binder, Louis.....15 E. 117th St., New York City

- *Black, Charles Francis.....63 Morningside Ave., New York City
 *Blume, Herman.....1220 Thirty-eighth St., Brooklyn, N. Y.
 Boone, David Claude.....154 W. 62d St., New York City
 *Bray, Tobias M.....52 Wall St., New York City
 Campagna, Anthony.....582 W. 183d St., New York City
 Chambers, Alexander J.....139 Fifth St., Long Island City
 Clark, Joseph.....297 Herkimer St., Brooklyn, N. Y.
 Clark, William H., A.B. (Hob)....129 Perry St., New York City
 Cogliano, Angelo.....10 Norman Place, Brooklyn, N. Y.
 Cohen, Ralph.....635 Prospect Ave., New York City
 Conlon, Joseph E.....35 James St., Newark, N. J.
 Costello, Patrick Paul.....652 Amsterdam Ave., New York City
 Dalton, Richard F.....81 W. 132d St., New York City
 Davidow, Harry Ariel.....334 Broome St., New York City
 *Dobshutz, Max.....649 E. 9th St., New York City
 Doherty, John Ignatius.....810 Lexington Ave., New York City
 Duke, Andrew.....210 S. 3d St., Brooklyn, N. Y.
 Dunn, Daniel J.....810 Elton Ave., New York City
 *Easley, Frank Smoot.....345 W. 70th St., New York City
 Eggers, Henry, Jr.....326 W. 87th St., New York City
 Eiesenberg, Max.....194 E. 3d St., New York City
 *Engel, Edward W.....1467 St. Mark's Ave., Brooklyn, N. Y.
 Ennis, Frank John.....946 Forest Ave., New York City
 *Feld, Jacob.....339 E. 20th St., New York City
 Feldman, Benjamin.....384 Grand St., New York City
 Feldstein, Harry.....611 E. 6th St., New York City
 *Fischer, Louis.....122 Liberty Ave., Brooklyn, N. Y.
 *Foster, Thomas A.....208 W. 17th St., New York City
 Fraunfelter, Ralph, Ph.B. (Laf.).....Roselle, N. J.
 *Fuchs, Charles Frank.....1626 Madison Ave., New York City
 Furlong, Charles H.....13 Sherlock Place, Brooklyn, N. Y.
 Gaertner, Ludwig.....163 E. 65th St., New York City
 Gedney, Walter S.....Nyack, N. Y.
 Geissler, Adolph.....251 E. 50th St., New York City
 Gekofsky, Robert Walker.....146 Forsyth St., New York City
 Gilleaudeau, Raymond.....Mamaroneck, N. Y.
 *Glanz, David Dudley.....Hartford, Conn.
 Glueck, Ernest.....150 Harrison Ave., Brooklyn, N. Y.
 Goldberg, Samuel.....217 Rivington St., New York City
 Goodman, Jacob.....252 Gold St., Brooklyn, N. Y.
 *Gordon, Herman P.....1532 Madison Ave., New York City
 *Grossman, Charles.....942 Gates Ave., Brooklyn, N. Y.

- Hano, Alfred Barnard.....174 W. 81st St., New York City
 'Hartman, David.....1229 Madison Ave., New York City
 Hecht, Charles.....69 Leonard St., Brooklyn, N. Y.
 Hickson, William Alex.....Roslyn, L. I.
 Huddleston, Robert Archer...125 Waverly Place, New York City
 *Isaacson, Isidor.....227 Webster Ave., Brooklyn, N. Y.
 Jabureck, Charles C., B.S. (CU)...700 E. 156th St., New York City
 *Johnson, Samuel D.....4 Ave. D, New York City
 Jones, Paul.....248 W. 128th St., New York City
 Kahlbaum, Carl August.....209 W. 97th St., New York City
 *Kaplan, Meyer.....54 E. 107th St., New York City
 *Karp, Abraham.....196 Eldridge St., New York City
 Keane, Peter J.....159 S. 9th St., Brooklyn, N. Y.
 *Kelban, Sophia.....400 E. 8th St., New York City
 *Krieger, Abraham.....364 Fifty-seventh St., Brooklyn, N. Y.
 Lewin, Louis C. A.....Portchester, N. Y.
 *Linde, Joseph.....226 Linden St., Brooklyn, N. Y.
 Lindenhayn, Rudolf.....Passaic, N. J.
 *Link, George, Jr.....174 W. 65th St., New York City
 Livers, Arthur Abraham.....1648 Weeks Ave., New York City
 Loughran, John, A.B. (U), 155 Second Ave., Long Island City, N. Y.
 *McGahan, James.....18 E. 9th St., New York City
 McHefey, T. Leonard, B.C.S. (U)....667 W. 178th St., N. Y. C.
 McNerny, James J.....357 Lenox Ave., New York City
 *Mackey, Robert House.....545 W. 142d St., New York City
 Mansevich, William H.....224 Spencer St., Brooklyn, N. Y.
 Margon, Clarence C.....124 W. 137th St., New York City
 Martin, James Godfrey, Jr.....17 Snyder St., Orange, N. J.
 Mason, Herman.....1341 Clinton Ave., New York City
 *Mayer, Robert Joseph.....136 Stockton St., Brooklyn, N. Y.
 Mellen, Curtis G.....233 W. 15th St., New York City
 *Miller, George H.....518 Manhattan Ave., New York City
 Murray, John Edward.....Elmsford, N. Y.
 Neely, David Alexander.....2177 Fifth Ave., New York City
 Newell, Downer H., A.B. (Y).....31 W. 9th St., New York City
 Neuman, Samuel.....64 E. 122d St., New York City
 °Newman, Norman.....484 E. 141st St., New York City
 Nollman, William Herbert.....641 E. 241st St., New York City
 *Norris, Walter E.....5 W. 125th St., New York City
 O'Reilly, James E.....110 Lee Ave., Brooklyn, N. Y.
 *Perlman, Louis.....1671 Pitkin Ave., Brooklyn, N. Y.
 Phillips, Abbott Stewart, A.B. (CC)...1200 Madison Ave., N. Y. C.

Polizzi, Pasquale.....	429 Sixth Ave., New York City
*Ravenolia, J. Lloyd.....	166 W. 96th St., New York City
*Reilly, James H. P.....	1243 Garden St., Hoboken, N. J.
*Reiter, Harry Sydney.....	610 Summit Ave., Jersey City, N. J.
Rhodes, Walter Inness.....	90 Chester St., Brooklyn, N. Y.
*Rose, Edward Joseph.....	1220 Forty-second St., Brooklyn, N. Y.
*Ross, Frank DeForrest.....	352 Valley Road, W. Orange, N. J.
*Rouse, Oliver.....	165 Park Place, Brooklyn, N. Y.
*Ryder, Wilbert Jennings.....	Garnersville, N. Y.
*Sackin, David.....	76 E. 93d St., New York City
Salerno, Mark.....	382 E. 10th St., New York City
Samuels, Herbert G.....	32 W. 9th St., New York City
Schiell, Arthur Louis.....	2188 Richmond Terrace, S. I.
Schneider, Sol.....	1023 Lafayette Ave., Brooklyn, N. Y.
Schiffer, Myron B.....	2783 Broadway, New York City
*Schlossbach, Ida Milgrom.....	Asbury Park, N. J.
*Schoenberg, Nathan.....	270 E. 161st St., New York City
*Schwamm, Henry, D.D.S. (CD).....	831 Park Ave., New York City
*Spitzer, Ernest.....	409 E. 84th St., New York City
Taylor, Alden R.....	21 Fulton Ave., Jersey City, N. J.
Torossian, Bedros R.....	362 West St., W. Hoboken, N. J.
*Turner, Frederick E., Jr.....	89 Hallstead St., E. Orange, N. J.
Unger, Albert B.....	241 E. 39th St., New York City
*Upleger, Arthur C.....	196 Bleecker St., New York City
Van Alst, Harry.....	Astoria, L. I.
*Wechsler, Henry M.....	270 E. 61st St., New York City
Weissbuch, Samuel David.....	536 E. 11th St., New York City
*Werther, Arthur.....	224 Howard Ave., Brooklyn, N. Y.
White, William Richard.....	813 E. 165th St., New York City
Wieliczker, Alexandre.....	108 W. 126th St., New York City
Yamasaki, Keiichi.....	4 W. 108th St., New York City
Zenker, Rudolph.....	319 E. 79th St., New York City

TOTAL FIRST YEAR—EVENING DIVISION.....122

Second Year Evening Division

Agress, Simon.....	141 East Broadway, New York City
*Altschuler, Alexander.....	993 Union Ave., New York City
*Anderson, John D.....	East Orange, N. J.
Bright, Herbert L.....	3 University Pl., New York City
*Brontman, Jacob.....	44 Ave. C, New York City
Brownlee, Thomas E., A.B. (Y).....	232 Greene Ave., Brooklyn, N. Y.

- Carter, Fred Jay.....162 Waverly Place, New York City
 Cashill, Thomas Henry.....101 Congress St., Newark, N. J.
 Choloney, Nathaniel.....123 Waverly Place, New York City
 Coddling, Martha Sophia.....Rochester, N. Y.
 *Comae, Marguerite.....140 W. 44th St., New York City
 Curley, William H.....351 E. 180th St., New York City
 Drubitz, Michael J.....152 W. 144th St., New York City
 Ellman, James I.....86 Heyward St., Brooklyn, N. Y.
 Feldman, Abraham Henry.....265 Madison St., New York City
 Ferguson, Frank C.....16 Marcy Ave., E. Orange, N. J.
 Finn, Harry Bolton.....35 Morningside Park, New York City
 *Fischer, J. Waterman, Jr.....1409 Oakley Ave., New York City
 *Franklin, Herman.....236 Penn St., Brooklyn, N. Y.
 Gerdes, John, B.L. (Ber).....400a MacDonough St., Brooklyn, N. Y.
 *Glueck, Edmund.....150 Harrison Ave., Brooklyn, N. Y.
 Goldstein, Solomon G.....117 E. 113th St., New York City
 Goldstein, Jacob.....125 E. 118th St., New York City
 *Guner, Benjamin.....6 E. 108th St., New York City
 *Hamerman, Joseph.....845 First Ave., New York City
 Hedges, Laura A.....34 Washington Sq., New York City
 *Honig, Philip.....201 Eldridge St., New York City
 *Israel, Edward Mortimer.....618 W. 136th St., New York City
 *Jaques, Albert Frank.....32 Nichols St., Newark, N. J.
 *Kaplan, Meyer Edward.....180 Sutter Ave., Brooklyn, N. Y.
 Kaufman, Minnie.....116 Waverly Place, New York City
 *Kolklin, David.....99 Nassau St., New York City
 *Koopman, Sietse Bernard.....101 E. 23d St., New York City
 Krohn, Samuel B.....309 Williams Ave., Brooklyn, N. Y.
 La Guardia, Fiorello Henry.....262 W. 12th St., New York City
 *Landesberg, Joseph R.....11 Pitt St., New York City
 *Levy, Isaac.....217 E. 5th St., New York City
 Lindsay, George Nelson.....62 Cedar St., New York City
 MacDonough, George D.....121 Second Ave., Roselle, N. J.
 Maupin, Jere.....2 Rector St., New York City
 Meeker, Albert A., B.S. (U)....122 W. 11th St., New York City
 Megay, Otto F. F.....226 Second Ave., New York City
 Minton, John McKim, Jr.....55 W. 33d St., New York City
 *Mithertz, John.....7 Rivington St., New York City
 Moore, T. A., B.S. (Col).....185 Lefferts Place, Brooklyn, N. Y.
 *Morris, John R.....221 W. 21st St., New York City
 Moskowitz, Louis Arthur.....255 S. 2d St., Brooklyn, N. Y.
 Murdoch, Edwin Templeton....162 Fourth Ave., East Orange, N. J.

Murphy, Joseph L.....	311 W. 55th St., New York City
Newman, Julius Austin.....	112 Huron St., Brooklyn, N. Y.
*Pariser, Samuel S.....	321 E. 121st St., New York City
*Pattengill, Charles Frank.....	163 W. 22d St., New York City
Phillips, James P.....	190 Montgomery St., Jersey City, N. J.
*Prestigiacomio, Pietro.....	284 Washington St., New York City
*Rinaldi, Frank.....	306 E. 116th St., New York City
*Rivlin, Max.....	1010 Faile St., New York City
Rock, Fred James.....	487 E. 141st St., New York City
*Rose, Henry.....	1628 Fifty-ninth St., Brooklyn, N. Y.
Rosenberg, Joseph.....	317 E. 4th St., New York City
*Rosenfeld, Max.....	103 Second St., New York City
*Rosenthal, Marcus.....	1526 Washington Ave., New York City
*Saint Phalle, Fal de.....	68 E. 34th St., New York City
Sanders, Max Emanuel.....	2484 Seventh Ave., New York City
*Saunders, Richardson.....	280 Broadway, New York City
*Scanlon, John T.....	122 W. 94th St., New York City
*Scherer, Robert.....	346 Broadway, New York City
*Schnur, Edward.....	286 E. 3d St., New York City
Sher, Jacob H.....	327 E. 3d St., New York City
Side, Joseph.....	321 E. 12th St., New York City
*Slaff, Charles.....	237 Hope Ave., Passaic, N. J.
Smith, William Harvey, Jr., A.B. (Wis).....	Mamaroneck, N. Y.
*Souffront, Randolph N.....	350 Sixth Ave., Newark, N. J.
Stein, Herman Martin.....	288 Snediker Ave., Brooklyn, N. Y.
Steinberg, Isadore.....	76 Columbia St., New York City
Unger, Isadore.....	56 E. 118th St., New York City
Vojan, Jarry Salaba.....	435 E. 86th St., New York City
Vossler, Arthur B., A.M. (Un), Pd.B. (Alb.N)...	Great Neck, L. I.
Warren, George Earle, A.B. (C)...	20 E. 11th St., New York City
Weber, Charles Joseph.....	190 W. 103d St., New York City
*Weinberger, Samuel J.....	851 Cauldwell Ave., New York City
Williams, Lloyd T.....	206 E. 9th St., New York City
*Wise, Henry George.....	241 E. 106th St., New York City
Wolf, Morris.....	429 E. 6th St., New York City
Wythe, Charles Evan.....	128 W. 12th St., New York City
*Zwerling, Morris.....	111 Bristol St., Brooklyn, N. Y.

TOTAL SECOND YEAR, EVENING DIVISION.....86

Third Year Evening Division

*Aarons, Julius.....	146 E. Houston St., New York City
*Abeles, Peter A.....	193 Second Ave., New York City

- *Agnew, Arthur M.....612 Spring St., W. Hoboken, N. J.
 *Albano, Nicholas.....498 Chester Ave., Newark, N. J.
 Barber, Edgar Manford, B.S. (Val)..641 Washington St., N. Y. C.
 Berg, Irving I.....9 W. 112th St., New York City
 Bobker, David.....238 Bigelow St., Newark, N. J.
 *Burroughs, Paul Griffing.....1609 Ave. D, Brooklyn, N. Y.
 *Cahn, Charles.....17 Attorney St., New York City
 *Cantor, Benjamin I.....279 Madison St., New York City
 *Carberry, Bernard L.....197 Tillary St., Brooklyn, N. Y.
 Carver, Glenn Knox.....54 W. 82d St., New York City
 Cromwell, Richard.....5 W. 119th St., New York City
 Crosson, William Raymond.....240 Riverside Ave., Newark, N. J.
 *Daniels, Arthur.....1709 Bathgate Ave., New York City
 *Davidson, James Hayden.....West New Brighton, S. I.
 Duberstein, Samuel C.....14 Forsythe St., New York City
 *Efros, Myer.....31 W. 118th St., New York City
 Fenner, Raymond B.....273 W. 73d St., New York City
 Finkelstein, Nathan.....39 Thatford Ave., Brooklyn, N. Y.
 Fischer, Paul M.....167 S. 7th St., Newark, N. J.
 Galerstein, A. Allen.....247 East Broadway, New York City
 Glaser, Lewis F.....114 Monroe St., New York City
 Glunts, Peter.....71 West Washington Place, New York City
 Goodstein, Arthur.....1697 Eastern Parkway, Brooklyn, N. Y.
 Greenglick, Louis.....317 E. 4th St., New York City
 Grossman, Solomon.....143 Ocean Parkway, Brooklyn, N. Y.
 Gliedt, Theodore.....83 Hauxhurst Ave., Weehawken, N. J.
 Haire, Alphonsus P.....8638 Bay 24th St., Brooklyn, N. Y.
 Hartman, Edward L.....7 N. 7th St., Newark, N. J.
 Herrman, George W.....135 E. 60th St., New York City
 Hilborn, Edwin.....212 W. 85th St., New York City
 Hollander, Max W.....95 Sheriff St., New York City
 Kahn, David.....61 W. 115th St., New York City
 Kleinsmith, Elmer B.....1041 Bergen St., Brooklyn, N. Y.
 Kronenwett, William.....120 Broadway, New York City
 *Levien, Sara A.....456 E. 141st St., New York City
 *Lieberman, Nathan.....1840 Madison Ave., New York City
 *Lippman, Moses.....460 Grand St., New York City
 Loewenthal, Rudolph.....1481 Bryant Ave., New York City
 *McBride, Paul H.....215 W. 130th St., New York City
 Maretzek, Albert.....1010 Washington St., Hoboken, N. J.
 Meyer, Henry, C.P.A.....480 E. 173d St., New York City
 *Meyer, Louis D.....753 E. 5th St., New York City

*Montegriffo, Agostino.....	2924 Briggs Ave., New York City
Murray, Norbury C., A.B. (Ru),	544 Madison Ave., Elizabeth, N. J.
*Muschel, Maurice.....	212 W. 105th St., New York City
Newman, Benjamin.....	210 Harrison Ave., Harrison, N. J.
Obriecht, Irving M.....	5 W. 125th St., New York City
O'Brien, James H.....	4 E. 39th St., New York City
Pantell, Katie.....	606 E. 5th St., New York City
Permut, Nathan.....	174 Essex St., New York City
*Rachline, Leo.....	119 E. 104th St., New York City
Recht, Charles C.....	412 E. 79th St., New York City
Remington, Carl.....	15 Fletcher Ave., Mt. Vernon, N. Y.
Robins, Belle.....	445 Wendover Ave., New York City
*Robertson, Robert D.....	8 W. 8th St., New York City
Rosenthal, Abraham L.....	95 Chrystie St., New York City
*Ryan, Edward Patrick.....	237 E. 144th St., New York City
Sack, Isidor.....	331 E. 13th St., New York City
*Scherer, Edward.....	112 First Ave., New York City
Schmaltz, Herman F.....	242 Broadway, Brooklyn, N. Y.
Schwartz, Leo J. J.....	657 E. 24th St., Brooklyn, N. Y.
Schwartz, William L.....	317 Second Ave., New York City
*Schwinzer, John Roderick.....	75 E. 81st St., New York City
*Seff, Joseph.....	28 Ridge St., New York City
*Shan, Witson S., A.B. (Au)....	416 W. 118th St., New York City
Slonim, Samuel.....	1590 Lexington Ave., New York City
Smith, Emmett F.....	446 W. 23d St., New York City
*Steinhardt, Harry M.....	6 Clinton St., New York City
Stickel, Fred G., Jr.....	63 Hudson St., Newark, N. J.
*Strizver, Herman.....	1742 Bathgate Ave., New York City
Taylor, Charles E.....	Monroe, N. Y.
Van Horne, John R., B.S. (U)....	53 W. 69th St., New York City
*Wagler, Charles David.....	93 Jefferson St., Newark, N. J.
Wolff, Harry.....	7 William St., Brooklyn, N. Y.
Wood, Horton Freeman.....	5 Maple Place, Ossining, N. Y.
Zaliels, Max.....	1753 Lexington Ave., New York City
TOTAL THIRD YEAR, EVENING DIVISION.....	
78	

SUMMARY

Graduate Students	73	
Senior Morning	66	
Senior Afternoon	148	
	<hr/>	214
Junior Morning	86	
Junior Afternoon	111	
	<hr/>	197
First Year Evening.....	122	
Second Year Evening.....	86	
Third Year Evening.....	78	
	<hr/>	286
	<hr/>	
TOTAL.....		770

LIST OF COLLEGES AND THEIR ABBREVIATIONS

- | | |
|---|---|
| (A.) Amherst Coll. | (Minn.) Univ. of Minn-
esota. |
| (Alb. L. S.) Albany Law School. | (Mo.) University of
Missouri. |
| (Alb. N.) Albany Normal
Coll. | (N.) Normal Coll., New
York City. |
| (Au.) Aurora Univ.
(China). | (N. L.) New York Law
School. |
| (B.) Barnard College. | (O., No.) Ohio North Univ. |
| (Bo.) Brown Univ. | (Ol.) Olivet Coll. |
| (B. M.) Bryn Mawr Coll. | (Par.) Univ. of Paris. |
| (B. L.) Brooklyn Law
School. | (Pra.) Univ. of Prague. |
| (Ber.) Berea Coll. | (R.) Radcliffe Coll. |
| (Bos.) Boston Univ. | (Ri.) Richmond Coll. |
| (Bu.) Bucknell Univ. | (Roch.) Univ. of Rochester. |
| (C.) Columbia Univ. | (Ru.) Rutgers Coll. |
| (C. C.) College of the City
of New York. | (S.) Smith Coll. |
| (Ci.) Univ. of Cincin-
nati. | (St. F. X.) St. Francis Xavier
Coll. |
| (C. D.) N. Y. Coll. Den-
tistry. | (Sy.) Syracuse Univ. |
| (Co.) Cornell Univ. | (T.) (Troy) Rensselaer
Poly. |
| (Col.) Colgate Univ. | (U.) New York Univ. |
| (C. U.) Cooper Union. | (Un.) Union Univ. |
| (F. & M.) Franklin and Mar-
shall Coll. | (V.) Vassar. |
| (H.) Harvard Univ. | (Val.) Valparaiso Coll. |
| (Ham.) Hamilton Coll. | (Vt.) Univ. of Vermont. |
| (Hob.) Hobart Coll. | (W.) Williams Coll. |
| (How.) Howard Univ. | (W. C. B.) Women's College of
Baltimore. |
| (Jeff. Sch. of Law) Jefferson School of
Law. | (W. & J.) Washington and
Jefferson Coll. |
| (L.) Lafayette Coll. | (Wash.) Univ. of Washing-
ton. |
| (L. I. C.) Long Island Medi-
cal Coll. | (Wel.) Wellesley Coll. |
| (Man.) Manhattan Coll. | (Wes.) Wesleyan Univ. |
| | (Wis.) Univ. of Wisconsin. |
| | (Y.) Yale Univ. |

The Graduate School

Roll of Students, 1908-1909

- Henry J. Ackerman.....(27 William St.) Ossining, N. Y.
Syracuse University, A.B., 1901.
History, VII.; Sociology, II.
- Martha Adler.....(1443 Lexington Ave.) New York City.
New York University, M.A., 1906; New York City Normal
College, A.B., 1894.
Education, P36; Philosophy, XXXIII.
- Milton M. Adler.....(593A Macon St.) Brooklyn, N. Y.
Adelphi College, A.B., 1908.
Sociology, I., II., VI.; Education, P4, P30.
- *Margaret Aitken.....(322 W. 57th St.) New York City
New York University, B.S., 1904, Pd.M., 1902.
English, II.
- Bruno J. Albrecht.....(1808 Amsterdam Ave.) New York City
College City of New York, A.B., 1904.
English Philology, I.
- Edward Hiry Alexander (K. E. Club, 304 W. 58th St.) New York City
New York University, B.S., 1908.
Philosophy, IX.; Economics, V., I.
- *James H. Allen.....(103 W. 88th St.) New York City
College City of New York, B.S., 1895; New York University,
M.A., 1905.
Education, P4.
- Israel Andron.....(355 Pennsylvania Ave.) Brooklyn, N. Y.
College City of New York, A.B., 1904; New York University,
M.A., 1907.
Economics, III., IV., VI.
- M. Leon Arnowitt.....(31 W. 114th St.) New York City
College City of New York, A.B., 1903.
English, II., IV.; History, III.
- Vincent H. Auleta.....(304 E. 110th St.) New York City
Manhattan, A.B., 1907.
Psychology, XIX.; English, II.
- I. Irving Barnett.....(5 W. 112th St.) New York City
College City of New York, A.B.
Philosophy, XIX., XXXIV.

- Anees Tannus Baroody.....(83 State St.) Brooklyn, N. Y.
 Syrian Protestant College, A.B.
Semitics, I.; English, I.; Comparative Religion, III.
- Bertha Bass.....(420 W. 121st St.) New York City
 Wesleyan, A.B., 1886, M.A., 1889.
History, III.
- Katherine Bauer.....(172 W. 10th St.) New York City
 New York City Normal College, B.S., 1904.
Education, P23, P24.
- Ida Ardelle Behm.....(964 St. Nicholas Ave.) New York City
 New York City Normal College, A.B., 1907.
Philosophy, XXIV.; Economics, V.
- Jesse C. Bell.....(490A Jefferson Ave.) Brooklyn, N. Y.
 New York University, B.S., 1906.
Education, P7.
- John Lewis Beinert.....(334 E. 56th St.) New York City
 College City of New York, A.B., 1904.
Education, P1, P7, P23, P24.
- Arthur LeGrand Berger.....(R. F. D., No. 2) Gardiner, N. Y.
 Rutgers, A.B., 1904, M.A., 1907.
Sociology, I., II., V.
- Adolph Bergstein.....(1486 Fifth Ave.) New York City
 College City of New York, A.B.,
Philosophy, XIX., XXXIV.
- Maxim Birnkrant.....2 Ave. D, New York City
 College of City of New York, A.B., 1904.
Thesis.
- Clara L. Blake.....Woodside, N. Y.
 Mt. Holyoke College, A.B.
English, II.
- Bella Bleier.....(915 Prospect Ave.) New York City
 New York City Normal College, A.B., 1898; New York University, Pd.M., 1906.
English, IV.
- Frieda Blumenberg.....(East 242d St.) New York City
 New York City Normal College, A.B., 1901; New York University, M.S., 1906.
Comparative Religion, II.
- Adolph Blumenkranz.....(162 Linden Ave.) Brooklyn, N. Y.
 College City of New York, B. S.,
Sociology, I., II.; English, I.

- Emily Stella Boardman.....Chatham, N. J.
Cornell, A.B.,
Latin, XVI.
- James Boarer.....Irving Ave., Brooklyn, N. Y.
College City of New York, 1859.
History, VII.; Economics, I.
- Alexander Boecker... (919 E. 12th St.) Flatbush, Brooklyn, N. Y.
College City of New York, B.S., 1898; New York University,
M.A., 1906.
German, VI.
- Edwin A. Bolger..... (825 Bushwick Ave.) Brooklyn, N. Y.
Manhattan, A.B., M.A., 1902; New York University, M.A.,
1906.
Thesis.
- Ella Brainin..... (1851 Madison Ave.) New York City
New York City Normal College, A.B.; New York University,
B.S.
German, VII.
- Solomon Branower..... (1815 Seventh Ave.) New York City
College City of New York, B.S., 1902; New York University,
LL.B., 1906.
English, II., IV.
- Frederick E. Breithut..... (111 W. 115th St.) New York City
College City of New York, B.S., 1900.
Chemistry, XI.
- Nathaniel Brenner..... (419 Jackson Ave.) Jersey City, N. J.
College City of New York, A.B., 1905; New York University,
LL.B., 1907.
English, VI., VII.; Philosophy, XXXIV.
- George I. Brinkerhoff..... (731 E. 22d St.) Paterson, N. J.
New York University, A.B., 1906; A.M., 1908.
Philosophy, XXXII.; History, III.; Sociology, II.
- Sister M. Augustina Brobston,
(Convent of St. Elizabeth) Convent, N. J.
College of St. Elizabeth, A.B., 1902.
Chemistry, VII (b).
- Robert Bernard Brodie..... (225 Keap St.) Brooklyn, N. Y.
College City of New York, B.S., 1903; New York University,
A.M., 1908.
English, II.; History, II.; Education, P23, P24.

- Burdette Boardman Brown.....Port Washington, N. Y.
Alfred University, A.B., 1890, A.M., 1891; Yale, B.D., 1898.
Philosophy, XXXII.
- William C. Bruning.....(453 W. 164th St.) New York City
College City of New York, A.B., 1907.
Latin, XVI.
- Herman Bucher.....(202 E. 69th St.) New York City
Columbia, B.S., 1905.
Sociology, I., II., V.
- Louis Buckholtz.....(105 Second Ave.) New York City
College City of New York, A.B., 1902.
Philosophy, XIX., XXXIV.
- Alma M. Bullowa.....(46 E. 66th St.) New York City
New York City Normal College, A.B., 1904; New York University, M.A., 1906.
English Philology, I.
- John James Burke.....(100 W. 162d St.) New York City
College City of New York, A.B., 1895.
History, II.
- John H. A. Burkhardt....(2162 La Fontaine Ave.) New York City
College City of New York, A.B., 1902.
Education, P22, P27.
- Nathan E. Buskin.....(3 E. 106th St.) New York City
College City of New York, A.B., 1908.
English, IV.; Education, P7, P30.
- Joseph T. P. Callahan.....(332 E. 123d St.) New York City
College City of New York, B.S., 1902; New York University, M.A., 1906.
Education, P4.
- Gustave Calman.....(502 W. 134th St.) New York City
New York University, A.B., 1907.
German, III.
- Olinda A. Camp.....(32 W. 129th St.) New York City
New York University, B.S., 1900; Pd.D., 1904.
History and Politics, IX.
- Harold G. Campbell.....(570 Decatur St.) Brooklyn, N. Y.
Polytechnic Institute, Brooklyn, B.A., 1908.
English, II., IV.

- Jane Gray Carter.....(426 Central Park West) New York City
New York City Normal College, A.B., 1901; New York University, A.M., 1904.
Latin, III.
- Hannibal H. Chapman.....Hempstead, N. Y.
Colby College, A.B., 1897.
Education, P7, P22.
- Jeanne Marie Louise Charvet..(487 Prospect Place) Brooklyn, N. Y.
University of Paris, 1893.
French, V.
- Harry Cohen.....(723 Caldwell Ave.) New York City
College City of New York, B.S.,
Economics, V., VI.
- Morris Cohen.....(31 Attorney St.) New York City
College City of New York, B.S.,
Mathematics, II.
- Samuel Cohen.....(255 Ridgewood Ave.) Brooklyn, N. Y.
College City of New York, A.B., 1902.
Education, P1, P6b, P31.
- Charles Grenville Cole.....(83 Cleveland St.) Orange, N. J.
Princeton, A.B., 1898, A.M., 1900.
Latin, III., XVI.
- Albert L. Colsten.....(1556 Seventy-third St.) Brooklyn, N. Y.
Cornell, C.E., 1895.
Mathematics, V.
- Adaline May Conway.....(206 E. 3d St.) Brooklyn, N. Y.
New York City Normal College, A.B., 1902; New York University, A.M., 1908.
English, VI.
- Bernard J. Cooper.....(1031 College Ave.) New York City
College City of New York, A.B., 1898.
English, II.
- Evie Corney.....(30 Wilson Ave.) Flushing, N. Y.
New York University, B.S., 1908.
German, VI.
- Della A. Courson.....(158 Second Ave.) Long Island City
Lebanon Valley College, Pa., A.B., 1908.
English, II., IV.

- Cordie Jacob Culp.....Bound Brook, N. J.
Richmond College, A.B., 1895; Princeton, A.M., 1902.
Philosophy, XXIV.
- May Alice Crimmins.....(244 E. 86th St.) New York City
New York City Normal College, A.B., 1902.
Education, P7.
- Maxwell Adolph Crooke.....(841 Greene Ave.) Brooklyn, N. Y.
New York University, A.B., 1907.
History, III.
- Robert B. Cunningham.....(525 River St.) Hoboken, N. J.
Lafayette, A.B., 1902.
Mathematics, I.; Physics, VIIa.
- Ernest D. Daniels.....(157 Midwood St.) Brooklyn, N. Y.
Amherst, A.B., 1890, A.M., 1894; New York University, Ph.D.,
1905.
Greek, I.
- Matthew L. Dann.....(399 Grant Ave.) Richmond Hill, L. I.
Syracuse, A.B., 1902.
History, III.; Sociology, II.
- Samuel Davidowitz.....(66 St. Mark's Pl.) New York City
College City of New York, A.B., 1907.
Education, P1, P7, P23, P24.
- Henry N. Davidson.....(1008 E. 165th St.) New York City
College City of New York, A.B., 1902; New York University,
A.M., 1906, Ph.D., 1908.
Education, P24, P27.
- Adelaide M. Davis.....(17 W. 124th St.) New York City
University of Minnesota, A.B., 1901.
English, I., II., IV.
- Charles Cudworth Delano, Jr. (71 Columbia Heights), Brooklyn, N. Y.
Boston, A.B., 1898, A.M., 1899; New York University, Ph.D.,
1908.
Greek, IV.
- Benjamin L. Deutsch.....(405 Graham Ave.) Brooklyn, N. Y.
College City of New York, A.B., 1906.
Chemistry, G-VIIa.
- Jacob A. Dolgenas.....(1689 Madison Ave.) New York City
College City of New York, A.B., 1902.
Philosophy, XIX.

- Elizabeth R. Donovan.....(101 W. 90th St.) New York City
New York City Normal College, A.B., 1901; New York University, M.A., 1907.
Education, P6b, P23, P24.
- William P. F. Dooley.....(135 E. 96th St.) New York City
Manhattan, A.B., 1897; New York University, A.M., 1908.
History and Politics, II., III.
- Jennie Louise Dunbar.....(91 Concord St.) Brooklyn, N. Y.
New York University, B.S., 1908.
German, VI.
- William Foreman Dunbar.....(91 Concord St.) Brooklyn, N. Y.
New York University, B.S., 1907.
Education, P1; Sociology, I.
- Gertrude EdmundLowell, Mass.
New York University, B.S., 1892; Pd.D., 1904.
Thesis.
- Arthur C. Eckstein.....(234 W. 122d St.) New York City
College City of New York, B.S., 1903.
Philosophy, XIV.; Sociology, I.
- Charles George Ellis.....(18 Wurts St.) Kingston, N. Y.
Lafayette, A.B., 1890; A.M., 1893.
Thesis.
- Julia Willard Fairchild.....(72 Columbia Heights) Brooklyn, N. Y.
Oberlin, A.B., 1893.
History and Politics, II.; Economics, VI.
- Nellie M. Farmer.....Sea Cliff, N. Y.
St. Lawrence, A.B., 1906.
Education, P7, P22.
- S. Julius Feuerlicht.....(505 E. 88th St.) New York City
College City of New York, A.B., 1903.
History and Politics, III.; Education, P22.
- Nathaniel Filfuss.....(182 Broome St.) New York City
College City of New York, A.B., 1902.
Psychology, XIX.
- Joseph E. Fitzpatrick.....(359 W. 55th St.) New York City
Fordham, A.B., 1906.
English, I.
- Andrew Fleming.....(450 E. 26th St.) Brooklyn, N. Y.
Allegheny College, A.B., 1881; General Theological Seminary,
1885.
Sociology, V., VI.; English, II.

- Edward Fleischer.....(468 12th St.) Brooklyn, N. Y.
College City of New York, B.S., 1903.
Mathematics, II.
- Abby Beal Forbes.....(74 Arlington Ave.) East Orange, N. J.
Vassar, A.B., 1904.
English, XI.
- Arthur Forbes.....(300 E. 125th St.) New York City
College City of New York, B.S., 1886; New York University,
M.A., 1899.
Philosophy, XXIV.
- Julius Frank.....(1976 Belmont Ave.) New York City
College City of New York, B.S., 1898.
English, I.
- Victor Oscar Freeburg.....(519 W. 122d St.) New York City
Yale, A.B., 1905; M.A., 1908.
English, II., IV.
- Isidor Glotzer.....(346 E. 13th St.) New York City
College City of New York, B.S., 1903; New York University,
LL.B., 1907.
Sociology, I.; English, IV.
- Louis Goldberger.....(401 E. 88th St.) New York City
College City of New York, A.B., 1907.
Education, P1, P7, P23, P24.
- Moses Foster Goodrich.....(345 E. 15th St.) New York City
Worcester Polytechnic Institute, B.S., 1893.
Sociology, II.
- Jacob Gordon.....(188 Middleton St.) Brooklyn, N. Y.
New York University, B.S., 1905.
Education, P1; Philosophy, XXXI.
- Benjamin B. Greenberg..(448 New Jersey Ave.) Brooklyn, N. Y.
College City of New York, A.B., 1906.
Education, P23; History and Politics, III.
- William C. Hagen.....(66 Halsey St.) Brooklyn, N. Y.
College City of New York, B.S., 1901; New York University,
A.M.
Education, P4.
- Samuel Carleton Haight.....(747 E. 168th St.) New York City
College City of New York, B.S., 1892; Auburn Theological
Seminary.
Economics, II.

- Jesse Hoyt Haley.....(860 E. 175th St.) New York City
College City of New York, A.B., 1902; New York University,
M.A., 1904.
Education, P6, P31.
- Owen Augustine Haley.....(860 E. 175th St.) New York City
College City of New York, A.B., 1905; New York University,
1908.
History, II., VII.
- Charles Ham.....(133 W. 4th St.) New York City
New York University, B.S., 1908.
History, XXIV.
- Matthew C. Hamilton.....(27 Elizabeth Ave.) Newark, N. J.
Thiel College, A.B., 1901; New York University, A.M.
Thesis.
- John Watson Hampshire.....(463 Eleventh St.) Brooklyn, N. Y.
New York University, A.B., 1908.
English, VI.
- Frances Lee Hanley.....(141 W. 90th St.) New York City
New York City Normal College, A.B., 1902.
Thesis.
- William Armand Hannig.....(150 E. 91st St.) New York City
College City of New York, B.S., 1905.
English, II.; Economics, VI.; Education, P1.
- Charles Harper.....(80 E. 55th St.) New York City
College City of New York, B.S., 1901.
Psychology, XX.
- John F. Harper.....(80 E. 55th St.) New York City
College City of New York, B.S., 1901; Columbia, A.M., 1902.
Psychology, XX.
- Ray H. Hart.....(213 Clifton Ave.) Newark, N. J.
University of Rochester, A.B., 1902.
English, II., IV.
- Erich Hausmann.....(234 E. 42d St.) New York City
Cooper Institute, B.S., 1907; Brooklyn Polytechnic Institute,
E.E., 1908.
Physics, VIIla; Philosophy, XIV.
- Sherman Willard Haven.....(72 E. Main St.) Patchogue, L. I.
Amherst, A.B., 1895, M.A., 1906.
Hebrew, II., 2; Aramaic, II.

- George M. Hayes.....(101 Winter St.) New Britain, Conn.
Fordham, A.B., 1906.
Mathematics, I.
- George Paul Heale.....(110 W. 183d St.) New York City
New York University, A.B., 1908.
English, I.
- William Edwin Hendrie.....(Lester Ave.) Richmond Hill, L. I.
University of Toronto, A.B., 1903.
Education, P22, P23, P24, P27.
- Charles Everett Hesselgrave.....Chatham, N. J.
Middlebury, A.B., 1893; New York University, M.A., 1899.
Hebrew, II.; Sociology, II.
- Max Hochberg.....(649 E. 9th St.) New York City
College City of New York, B.S., 1904.
Education, P7, P22; Mathematics, I.
- Abbie Sylvia Hodgetts.....(190 Van Alst Ave.) Long Island City
Nebraska Wesleyan, A.B., 1896; Columbia, M.A., 1902.
English, I., V.
- John F. Hogan.....(632 W. 138th St.) New York City
St. Joseph's, A.B., 1899; A.M., 1901.
English, VI.; Latin, III.
- Jacob Holman.....(42 Norfolk St.) New York City
College City of New York, A.B., 1904.
English, IV.; History, III.
- William Edwin Honerkamp....(653 Hancock St.) Brooklyn, N. Y.
College City of New York, A.B.
English, IV.
- John William Hoyt, Jr.....Blauvelt, N. Y.
New York University, A.B., 1899; Union Theological Sem.,
B.D., 1903.
Comparative Religion, II.; English, V.
- Warren G. Hubert.....(80 Ludlow St.) Yonkers, N. Y.
College City of New York, B.S., 1907.
Mathematics, II.; Physics, VIIa.
- Francis Thomas Hughes.....(392 First St.) Brooklyn, N. Y.
St. Francis Xavier, A.B., 1894; A.M., 1902.
Philosophy, XXXIV.

- Joseph Iannell.....(455 Eleventh St.) Brooklyn, N. Y.
College City of New York, A.B., 1904.
Economics, II.; Philosophy, XIX.
- Ernest Ilgen.....(641 St. Marks Ave.) Brooklyn, N. Y.
College City of New York, A.B., 1882; New York University,
M.A., 1902.
German, VIII.
- Michael J. Isaacs.....(1058 Morris Ave.) New York City
College City of New York, B.S., 1898.
Education, P24, P27.
- Samuel Trevena Jackson.....(607 Kearny Ave.) Arlington, N. J.
New York University, A.M., 1902.
English, V.
- Walter Jacobson.....(879 Longwood Ave.) New York City
College City of New York, A.B., 1900.
English, II., IV.
- Simeon Van Trump Jester..(184 Schermerhorn St.) Brooklyn, N. Y.
Swarthmore, A.B., 1908.
Economics, I, II.; History and Politics, III.
- Walter R. Johnson.....(379 Broome St.) New York City
College City of New York, A.B., 1903.
English Philology, I.
- C. Edward Jones.....(56 Manhattan Ave.) New York City
Albany Normal College, Pd.B., Pd.M.; New York University,
B.S., 1907.
English, V., VI., XI.
- Ludwig Kaphan.....(463 Eleventh St.) Brooklyn, N. Y.
New York University, A.B., 1908.
History, II., III.
- Henry D. Katz.....(68 E. 86th St.) New York City
College City of New York, A.B.,
Education, P7, P22.
- Samuel Katz.....(1388 Eastern Parkway) Brooklyn, N. Y.
College City of New York, A.B., 1904; New York University,
A.M., 1908.
English Philology, I.; English, VI.; French, II.
- Aaron Keil.....(109 E. 102d St.,) New York City
College City of New York, B.S.
Mathematics, I.

- Edward Kelder.....Coytesville, N. J.
 Hope College, A.B., 1896.
Philosophy, XXIV., XIV.
- David Frederick Kelly.. (238th St. and Kepler Ave.) New York City
 New York University, M.D., 1892; Columbia, A.B., 1900.
Education, P1, P7.
- Charles S. Kemble..... (1000 W. 4th St.) Plainfield, N. J.
 Central High School, Philadelphia, A.M., 1888, A.B., 1883.
Thesis.
- Samuel Kendzur..... (303 S. 3d St.) Brooklyn, N. Y.
 College City of New York, B.S., 1906.
History, II., VII.
- Mary S. Kennedy..... (124 W. 126th St.) New York City
 New York University, Pd.M., 1899; Pd.D., 1902; Adelphi, A.B.,
 1901; Columbia, A.M., 1902.
English, I., II.
- William Howard Kephart..... (415 E. 143d St.) New York City
 Wittenberg, A.B., 1886; M.A., 1890.
English, I.
- George Kintner Carlstadt, N. J.
 New York University, B.S., 1906; Pd.M., 1898.
Sociology, II.
- Stella Kisch..... (229 Nelson Ave.) Grantwood, N. J.
 New York City Normal College, A.B., 1904; New York Uni-
 versity, A.M., 1906.
English Philology, I.
- Joseph Klein..... (24 W. 113th St.) New York City
 College City of New York, B.S., 1906.
Economics, I., VI.
- Mathilda A. Koehler..... (Clinton Ave.) Springfield, L. I.
 Cornell, A.B., 1905.
Latin, III., XVI.
- Clayton Charles Kohl..... (517 W. 135th St.) New York City
 Ohio State University, Ph.B., 1901; New York University,
 Pd.M., 1907.
History and Politics, III.; Education, P31.
- Kotaro Koike..... (571 W. 159th St.) New York City
 Doshisha College, Japan, 1905.
Economics, I., V.

- Harold Korn.....(45 E. 74th St.) New York City
Columbia, A.B., 1901; A.M., 1908.
English, II., IV., VI.
- Abraham J. Korey.....(1236 Fifty-third St.) Brooklyn, N. Y.
New York University, B.S., 1908.
Education, P1, P7, P30.
- Herman Kramer.....(453 Linden St.) Brooklyn, N. Y.
College City of New York, A.B., 1904.
English, II.
- Edward J. Kunze.....(301 Greene Ave.) Brooklyn, N. Y.
Cooper Institute, B.S., 1899; Cornell, M.E., 1901.
Education, P7, P36; Mathematics, I.
- Charles J. Lagerwall.....(419 E. 144th St.) New York City
College City of New York, B.S., 1900.
Mathematics, V.
- Theophile de P. Lalanne.....(356 E. 201st St.) New York City
St. Francis Xavier, A.B., 1900; A.M., 1901.
English, II.
- William Whitfield Lamb.....(114 Linden Ave.) Brooklyn, N. Y.
Amherst, A.B., 1901; A.M., 1904.
Education, P1, P7; French, V.
- George Lamouret.....(513 W. 135th St.) New York City
University of Paris.
French, IV., V.
- Abraham Landesman.....(1572 Madison Ave.) New York City
College City of New York, B.S., 1902; New York University,
M.A., 1906.
Education, P24.
- Julius Landowne.....(231 Second Ave.) New York City
College City of New York, A.B.
History, II.; Sociology, II.; Education, P7.
- Enoch C. Lavers.....(126 Porter St.) Easton, Pa.
University of Chicago, A.B., 1904; New York University,
Pd.D., 1894; Illinois Wesleyan, Ph.D., 1891.
Philosophy, IX.; Sociology, II.
- F. R. Lavers.....(289 Riverdale Ave.) Yonkers, N. Y.
Lafayette College, A.B.,
Mathematics, II.

- Carolyn Noble Lawrence.....(18 Pierrepont St.) Brooklyn, N. Y.
New York University, B.S., 1908.
English, IV.
- Edson James Lawrence.....Millville, N. J.
Dickinson College, A.B., 1907.
Education, P1, P7.
- Edwin Lee.....(Allegheny College) Meadville, Pa.
Northeastern Ohio College, B.S., 1896; M.S., 1902; Harvard,
M.A., 1906.
Thesis.
- Mary Gertrude Leete.....(231 Johnson Ave.) Richmond Hill, N. Y.
Albany Normal College, Pd.B., 1898; Syracuse, Ph.B., 1905.
History, II., III.; Sociology, II.
- Jacob J. Leibson.....(108 W. 141st St.) New York City
College City of New York, B.S., 1901.
Education, P7, P22.
- John J. B. Leonard....(1658 Holland Ave.) Van Nest, New York City
College City of New York, A.B., 1902.
History, III.; Education, P1.
- Walter C. Leonard.....(1428 Webster Ave.) New York City
New York University, A.B., 1904.
English, II.; Philosophy, XIV.
- Fred A. H. Leuchs.....(370 E. 145th St.) New York City
Columbia, A.B., 1907; A.M., 1908.
Latin, XVI.
- Herman B. Levine.....(259 So. 9th St.) Brooklyn, N. Y.
College City of New York, A.B., 1904.
Psychology, XXXIV.; Education, P30.
- Joseph A. Levy.....(161 Monroe St.) Brooklyn, N. Y.
College City of New York, B.S., 1903.
Physics, VIIla.
- Elias Lieberman.....(1350 Clinton Ave.) New York City
College City of New York, A.B., 1903; New York University,
A.M., 1906.
French, II.
- *John Linker.....(1314 Stebbins Ave.) New York City
College City of New York, B.S., 1900.
English, IV.; Education, P23, P24, P30.

- Philip L. Liphshitz.....(70 E. 94th St.) New York City
College City of New York, B.A., 1904; New York University,
M.A., 1908.
English, I.
- Jacob Lippman.....(1302 Findlay Ave.) New York City
College City of New York, A.B., 1904.
Chemistry, R.
- Louis G. Lippman.....(222 W. 105th St.) New York City
College City of New York, B.S., 1901; New York University,
LL.B., 1908.
English, I., II.; Education, P1, P31.
- Martin G. Lippman.....(1302 Findlay Ave.) New York City
New York University, B.S., 1907.
Thesis.
- Simon L. Lippner.....(217 Vernon Ave.) Brooklyn, N. Y.
College City of New York, A.B., 1904.
English, II., IV.
- Albert Loewenthan.....(339 E. 79th St.) New York City
College City of New York, A.B., 1901.
English, II., IV.
- Michael Henry Lucey.....(23 W. 119th St.) New York City
Columbia, B.S., 1906; M.A., 1908.
English, I.; Philosophy, XXXI.; Education, P6b, P31.
- Alexander Lyons.....(526 Eighth St.) Brooklyn, N. Y.
McMicken University, Cincinnati, B.L., 1891; Columbia, A.M.,
1905.
Philosophy, II., XXXII.
- Robert Irwin MacBride.....Stony Point, N. Y.
New York University, A.B., 1890; M.A., 1900.
Psychology, XXXIV.; Sociology, I.
- Robert MacDonald.....67 Downing St., Brooklyn, N. Y.
Harvard, A.B., A.M.
Philosophy, 31.
- David A. MacMurray.....(167 Linden Ave.) Brooklyn, N. Y.
Colgate, A.B., 1890.
Philosophy, III.
- James Edward Magee.....(37 State St.) Bloomfield, N. J.
New York University, A.M., 1907.
Economics, III., VI.

- Herman Mantel.....(1615 Boston Road) New York City
New York University, A.B., 1908.
Latin, III.; German, I.; English, VII.
- Gabriel R. Mason.....(1341 Clinton Ave.) New York City
College City of New York, A.B., 1903; New York University,
A.M., 1907.
Philosophy, XIX., XXXII.
- Jacob Edward Mayman.....(511 Sutter Ave.) Brooklyn, N. Y.
Teachers College, Columbia. B.S., 1908.
Education, P4, P6b, P7, P30, P31; Sociology, II.
- John D. McDowell.....815 Park Pl., Brooklyn, N. Y.
Royal University of Ireland, B.A., 1886; M.A., 1894; New York
University, Pd.M., 1905.
Philosophy, XXXI.
- John D'Arcy McGee.....(2632 Decatur Ave.) New York City
Laval University, B.L.; New York University, A.M.
- William Henry McMaster.....(230 Decatur St.) Brooklyn, N. Y.
Mt. Union College, Ph.B., 1899; New York University, M.A.,
1901.
Philosophy, XXIV.
- Floyd James Melvin.....(1320 Rogers Ave.) Brooklyn, N. Y.
New York University, B.S., 1907.
Sociology, II., V., VI.
- John Henry Meneely.....(220 Sixth Ave.) Brooklyn, N. Y.
University of Illinois, A.B., 1893; M.A., 1896.
English, II., IV.
- Ruth Ellis Messenger.....(303 W. 22d St.) New York City
New York City Normal College, A.B., 1905.
Greek, I.
- David Meyers.....(402 W. 148th St.) New York City
College City of New York, B.S., 1903.
Psychology, XIX.; Education, P22, P23, P32, P36.
- *Walter Scott Meyer.....(255 Halsey St.) Brooklyn, N. Y.
College City of New York, B.S., 1902.
Education, P23, P24.
- William A. T. Miles.....(382a Quincy St.) Brooklyn, N. Y.
Morgan College, A.B., 1906; Union Theological Seminary.
Philosophy, XIV., IX.; Comparative Religion, III.

- Albert O. Miller, Jr.....Passaic, N. J.
Columbia, A.B., 1893; LL.B., 1895; LL.M., 1896; New York
University, LL.M., J.D., 1908.
English, IV.; History and Politics, II., III., IX.
- Albert Moncrief.....(87 Jasper St.) Paterson, N. J.
New York University, Pd.M., 1903; B.S., 1905.
English, IV.; History, VII.
- Ward Clinton Moon.....(95 Day St.) Orange, N. J.
Amherst, A.B., 1905.
Education, P1, P7, P24.
- Louis Adlai Moseson.....(1341 Clinton Ave.) New York City
College City of New York, B.S., 1901.
Philosophy, XIV.
- Morris Moscovitz.....(77 Lee Ave.) Brooklyn, N. Y.
College City of New York, A.B., 1902.
Economics, I.; English, IV.; Education, P24.
- Rosemary Florence Mullen....(420 E. 84th St.) New York City
New York City Normal College, A.B., 1906.
Physiology, III.
- Thomas P. Murphy.....(871 Jefferson Ave.) Brooklyn, N. Y.
College City of New York, A.B., 1905.
Philosophy, XXIV.; English, IV.
- Abraham E. Neugroschl.....(1041 Clay Ave.) New York City
Columbia, A.B., 1900; New York University, A.M., 1902.
Thesis.
- Harvey Newcomer.....(23 Carroll St.) Yonkers, N. Y.
Franklin and Marshall College, A.B., 1892; Columbia, A.M.,
1907.
Psychology, XX.
- Henry Isaac Norr.....(3 W. 112th St.) New York City
College City of New York, B.S., 1901.
Comparative Religion, III.
- Patrick J. O'Donnell.....(135 E. 96th St.) New York City
Maynooth College, Ireland, B.D., —; B.C.L., 1908, Columbia,
M.A., 1908.
English, V.; Comparative Religion, II.; Psychology, XXVII.
- John P. O'Mahoney.....(651 Fifty-second St.) Brooklyn, N. Y.
College City of New York, A.B.,
Economics, V.

- William P. O'Ryan.....(1051 Prospect Pl.) Brooklyn, N. Y.
Manhattan, A.B., 1899; New York University, A.M., 1906.
History, VII.
- Thomas Valentine Parker....(473 Forty-third St.) Brooklyn, N. Y.
Amherst, A.B., 1900; New York University, Ph.D., 1906.
Philosophy, XXXI.
- Henry Edwin Payne.....(914 Bedford Ave.) Brooklyn, N. Y.
Brooklyn Polytechnic Institute, A.B., 1908.
Sociology, I, II.; Comparative Religion, II.
- Fred J. Perrine.....(188 Wadsworth Ave.) New York City
Syracuse University, A.B., 1894.
Thesis.
- Minna B. Phelps.....(501 William St.) E. Orange, N. J.
Smith, A.B., 1890.
Greek, XX., V.
- *Frank Pickelsky.....(123 W. 115th St.) New York City
College City of New York, A.B., 1902.
Mathematics, II.
- Charles F. Pietzsch.....(2344 Second Ave.) New York City
College City of New York, A.B., 1905.
English, I., IV.
- Agide Pirazinni.....(541 Lexington Ave.) New York City
Brown University, A.B., 1903; M.A., 1905; Temple College,
S.C.D., —.
French, IV., V.
- Pasquale Polizzi.....(429 Sixth Ave.) New York City
Liceo and Seminario, Sicily, 1896.
Latin, XVI.; Education, Pt.
- Edwin Murlin Preston.....Baldwin, L. I.
New York University, B.S., 1908.
Philosophy, XX.
- Isaac Price.....(72 E. 96th St.) New York City
College City of New York, B.S., 1901.
History, II.
- Robert H. Proctor.....(21 Decatur St.) Brooklyn, N. Y.
Columbia, B.S., 1905; A.M., 1908.
English, II., IV., VII.

- David Heidom Ray.....(2273 Creston Ave.) New York City
College City of New York, A.B., 1897; Columbia, B.S., 1901;
A.M., 1901; New York University, C.E., 1902.
Thesis.
- William Haas Reese (412 Gould Hall, Univer'y Hts.) New York City
Lafayette, Ph.B., 1896; M.S., 1899.
Chemistry, IV., V., XI.
- John J. Reilly.....(109 Clinton Ave.) Brooklyn, N. Y.
St. Francis Xavier, A.B., 1907.
English, I., II.
- Joseph Remey.....(167 E. 90th St.) New York City
College City of New York, A.B., 1897; New York University,
A.M., 1905.
Thesis.
- Bernard Revel.....(1465 Fifth Ave.) New York City
Russian Royal Gymnasium; Theological Seminary.
*Hebrew, II.; Aramaic, II.; Philosophy, XXXII.; Comparative
Religion, I.*
- Marietta Riley.....(869 St. John's Pl.) Brooklyn, N. Y.
Columbia, A.B., 1907; Adelphi, A.M., 1908.
Education, P7, P22.
- Alfred E. Roberts.....(24 Chestnut St.) Yonkers, N. Y.
Amherst, A.B., 1905.
Thesis.
- Anna Elizabeth Robinson.....(863 E. 164th St.) New York City
New York City Normal College, A.B., 1903.
Thesis.
- Jacob M. Rosenberg.....(1354 Clinton Ave.) New York City
College City of New York, A.B., 1904.
English, II.
- Francis L. Rougier.....(148 W. 65th St.) New York City
Fordham, A.B., 1906; New York University, A.M., 1907.
French, II., IV., V.
- Amelia Pauline Sable.....(212 W. 143d St.) New York City
New York City Normal College, A.B., 1902.
English, I., II.; Sociology, II.
- Adda Pearl Sackett.....Sidney, N. Y.
New York University, Pd.M., 1903, Pd.D., 1904, B.S., 1906.
Philosophy, XXXI.

- Lynn Mateer Saxton.....Edgewater, N. J.
Lafayette, B.S., 1897, M.S., 1900; New York University, Pd.M.,
1908.
Education, P6b, P22, P31.
- Ignatz Saymon.....(11 W. 108th St.) New York City
College City of New York, A.B., 1900; New York University,
LL.B., 1904, A.M., 1908.
Philosophy, XIV.; History and Politics, III.; Education, 8, P24.
- Alfred M. Schaffer.....(17 E. 107th St.) New York City
College City of New York, A.B.,
English, IV.; Education, P7, P30.
- Samuel Schuman.....(6 E. 118th St.) New York City
College City of New York, A.B., 1903.
Education, P7.
- Charles Hatch Sears.....(2443 Creston Ave.) New York City
Colgate University, A.B., 1898; Columbia, M.A., 1900; Union
Theological Seminary, B.D., 1901.
Thesis.
- Arthur Selwyn Brown.....(332 W. 55th St.) New York City
New York University, B.S., 1906; M.A., 1908.
Thesis.
- Warren P. Shellard.....(434 Putnam Ave.) Brooklyn, N. Y.
New York University, B.S., 1908.
Education, P1, P7.
- Charles A. Sheppard.....(87 Jasper St.) Paterson, N. J.
New York University, B.S., 1907.
Education, P1, P7.
- Charles W. Siedler.....(314 E. 86th St.) New York City
College City of New York, A.B., 1908.
Latin, III., XVI.
- Leon Sinagnan.....(512 W. 135th St.) New York City
Central College, Constantinople, A.B., 1896; University of Paris,
1897; New York University, A.M., 1907, Pd.M., 1908.
Philosophy, XXXII., IX.
- Emma M. Skinner.....(510 W. 124th St.) New York City
New York University, Pd.M., 1905.
Economics, III., IV.
- Orton R. Smiley.....Bloomfield, N. J.
Allegheny College, A.B., 1903; New York University, M.S., 1908.
Chemistry, VIIb.

- Caroline Harriet Smith.....(128 Montague St.) Brooklyn, N. Y.
New York University, LL.B., 1904, LL.M., 1905, B.S., 1908.
Greek, II., IV.; Latin, XVI.; Sociology, II.
- Charles J. Smith.....(4 N. 10th St.) Mt. Vernon, N. Y.
New York University, B.S., 1907.
German Philology, I.; German, V.
- Florence Marion Smith.....(2066 Fifth Ave.) New York City
Radcliffe, A.B., 1903.
Latin, III.; Psychology, XIX.
- J. Clarence Smith.....(430 Fourth St.) Brooklyn, N. Y.
Princeton, A.B., 1895.
Latin, III.
- Gardner Johnson Snyder.....Hohokus, N. J.
New York University, Pd.M., 1901, B.S., 1907.
History, III.; Sociology, II.
- Philip Speyer.....(213 E. 11th St.) New York City
College City of New York, A.B., 1904.
English, I.
- Isidore Springer.....(63 Ocean View Avenue) Woodhaven, L. I.
College City of New York, B.S., 1901; New York University,
Pd.M., 1907.
Education, P6b, P7, P31; Psychology, XXXIV.
- Sara Stone.....(49 W. 9th St.) New York City
New York University, B.S., 1908.
Psychology, XIX.; History, IX.
- William Torrence Stuchell.....Rahway, N. J.
Harvard, A.B., 1894; National University, LL.B.
Sociology, I., VI.
- John A. Sullivan.....(248 Lexington Ave.) New York City
College City of New York, A.B., 1907.
History, III.; Education, P22.
- Henry F. Supnik.....(211 W. 140th St.) New York City
College City of New York, A.B., 1899; New York Law School,
LL.B., 1904.
Education, P7, P22; English, I.
- Edward Sussman.....(622 E. 169th St.) New York City
College City of New York, A.B., 1902.
Education, P22, P27.

- George Dwight Sykes.....Suffern, N. Y.
New York University, B.S., 1908, Pd.M., 1905.
English, II., IV.
- William Joseph Thompson....(211 Clermont Ave.) Brooklyn, N. Y.
University of Pennsylvania, B.S., 1884; Drew Theological Seminary, B.D., 1892; Harvard, A.M., 1901.
Sociology, V., VI.
- Perley Lenwood Thorne.....(New York University) University Heights, N. Y. C.
Colby College, A.B., 1907.
Mathematics, II.; Physics, VIIa.
- Benjamin H. Thorp.....(147 Union Ave.) Jamaica, N. Y.
Hamilton College, A.B., 1895, A.M., 1898.
English, IV.
- Sarah M. Tice.....(502 W. 142d St.) New York City
New York City Normal College, A.B., 1908.
Thesis.
- David Beveridge Tomkins....(9 Eighteenth Ave.) Paterson, N. J.
Taylor University, Ph.B., 1900; Drew Theological Seminary, B.D.; New York University, A.M., 1907.
Philosophy, XXIV.; Psychology, XXXIV.
- Kathrin Kilbourne Tompkins..(102 Waverly Place) New York City
New York City Normal College, A.B., 1908.
English, II.
- Charles Augustus Tonsor, Jr..(218 Clermont Ave.) Brooklyn, N. Y.
New York University, A.B., 1907, A.M., 1908.
Latin, I.; Greek, VI.
- Stillman Dana Townsend.....(80 Day St.) Orange, N. J.
Columbia, A.B., 1905.
History, III.; English, IV.
- Howard Melville Tracy.....Tompkinsville, S. I.
Brown, A.B., 1906.
Education, P1, P22; History, VII.
- Irving Masten Vanderhoff.....(59 South 10th St.) Newark, N. J.
New York University, B.S., 1902, M.D., 1905.
Economics, I.; Sociology, V.
- Charles D. Vosburgh.....Lynbrook, N. Y.
New York University, B.S., 1908.
Sociology, II.; English, II.

- Annette F. Wallach.....(10 E. 80th St.) New York City
Vassar, A.B., 1906.
English, II.
- Aldice Gardner Warren.....(Hotel Endicott) New York City
University of Rochester, A.B., 1883.
History and Politics, III., IX.; Sociology, II.
- Leon J. Wayave.....(564 E. 9th St.) Brooklyn, N. Y.
Princeton, A.B., 1896; Albany Normal, Pd.B., 1900.
English, II.
- Elnece May Weeden.....(123 W. 93d St.) New York City
New York City Normal College, A.B., 1902; New York University, A.M., 1905.
English Philology, I.
- Marie H. Wedemeyer.....(85 Java St.) Brooklyn, N. Y.
Barnard, A.B., 1903.
Education, P24.
- George Martin Weimar.....(1004 Bloomfield St.) Hoboken, N. J.
University of Rochester, A.B., 1904.
English Philology, I.; English, VI.; History and Politics, IX.
- Ephraim Weinstein.....(18 E. 106th St.) New York City
College City of New York, A.B.
Sociology, V.
- Morris Weisenberg.....(23 E. 99th St.) New York City
College City of New York, A.B., 1903.
English, IV.
- William Parker Wharton.....(79 Hamilton Pl.) New York City
Columbia, A.B., 1902, A.M., 1906.
Philosophy, XXI.; Education, P23.
- Howard Dare White.....(Hamilton Apartments) Paterson, N. J.
Franklin-Marshall College, A.B., 1897, A.M., 1899.
English, IV.
- Walter A. Wight.....(Montauk Club) Brooklyn, N. Y.
Harvard, A.B., 1899; New York University, A.M., 1906.
French, V.
- Agnes Wilson.....(1195 South Broad St.) Newark, N. J.
University of Michigan, A.B.,
Education, P1, P27.

- Stuart Wilson.....(226 Second Ave.) New York City
Cooper Union, B.S., 1898; New York University, Pd.M., 1904,
B.S., 1907.
Mathematics, II., V.; Physics, VIIa.
- George C. Wood.....(798 Lincoln Place) Brooklyn, N. Y.
Syracuse University, A.B., 1900.
History, II., III.
- Clifford Wray.....(190 Ashland Ave.) Bloomfield, N. J.
College City of New York, A.B., 1902.
History, III.; Education, P6b, P31.
- William J. Wyse.....(70 Fort Greene Place) Brooklyn, N. Y.
St. Francis Xavier, A.B., 1900.
Thesis.
- *Simon Zevie.....(14 Harrison Ave.) Brooklyn, N. Y.
College City of New York, B.S., 1896; New York University,
LL.B., 1902.
History, VII.
- William A. H. Zink.....(403 Palisade Ave.) Hoboken, N. J.
New York University, B.S., 1908.
Chemistry, VII., IX., XI.
- TOTAL GRADUATE SCHOOL.....282

The School of Pedagogy

Roll of Students, 1908-1909

- *Isabelle Margaret Abbott.....Brooklyn, N. Y.
Louis AbelsonNew York City
College of the City of New York, B.S., 1904.
- *Annie AchenbachBoonton, N. J.
- *Marie Antoinette Agnew.....New York City
New York City Normal College, B.A., 1901.
- *Margaret Aitken.....Johnstown, N. Y.
State Normal College, Albany, N. Y., 1895; New York University, Pd.M., 1902; B.S., 1904.
- Elizabeth Mary Alderdice.....Rocky Point, N. Y.
Syracuse University, A.B., 1902; New York University, Pd.M., 1904.
- Annie J. Allebach.....New York City
National College, B.E., 1898; M.E., 1907.
- *Elsie Edith Allen.....Montclair, N. J.
- *George Wilfred Allen.....Eatontown, N. J.
State Normal School, Cortland, N. Y., 1889.
- *James Henry Allen.....New York City
College of the City of New York, B.S., 1901; New York University, A.M., 1905.
- *Millicent Almy.....Lawrence, N. Y.
- Isadore Amster.....New York City
College of the City of New York, B.S., 1907.
- Josephine Feger Ancona.....Reading, Pa.
University of Pennsylvania, B.S., 1891.
- *Meta Louise Anderson.....Babylon, N. Y.
- Mesmin Arenwald.....New York City
College of the City of New York, B.A., 1906.
- *Carrie B. Bachrach.....Brooklyn, N. Y.
- Frank Lee Baker.....Mexico, N. Y.
Syracuse University, Ph.B., 1906.
- *Anna L. Bard.....Factoryville, Pa.
- *George Henry Barmeyer.....Bayside, N. Y.
- I. Irving Barnett.....New York City
College of the City of New York, A.B., 1903.

- Charlotte Elizabeth Barnum.....Brooklyn, N. Y.
New York University, B.S., 1906.
- *Susan Garrison Barrett.....Brooklyn, N. Y.
- *Rita Tryon Bartholomew.....Mt. Vernon, N. Y.
- *Rose Ella M. Bartley.....Worcester, Mass.
- *Isabel Florence Bauer.....New York City
New York City Normal College, B.A., 1903.
- *Marie L. Bauer.....New York City
Marie Louise Bayer.....Brooklyn, N. Y.
New York University, LL.B., 1903; Pd.M., 1904; B.S., 1907.
- *Martha Burtis Bayles.....Mt. Vernon, N. Y.
New York City Normal College, 1883.
- Chester Carlyle Beekman.....New York City
New York University, B.A., 1908.
- *Ottilia Margaret Beha.....New York City
State Normal School, Cortland, N. Y., 1895; Albany College,
Pd.B., 1897.
- Arthur Kennedy Beik.....Wapello, Ia.
Iowa College, Ph.B., 1908.
- *Bruce Sankey Biddle.....Jersey City, N. J.
- *Agnes Birkman.....Orange, N. J.
- *Ella Blauvelt.....New York City
New York City Normal College, 1902.
- Bella Bleier.....New York City
New York City Normal College, B.A., 1898; New York Uni-
versity, Pd.M., 1906.
- *Gertrude Marie Bluett.....New York City
Julius Bluhm.....New York City
College of the City of New York, B.A., 1899; New York Uni-
versity, Pd.M., 1908.
- *Anna Gertrude Blumenstein.....Brooklyn, N. Y.
Elmer Ellsworth Bogart.....New York City
Cornell University, B.A., 1894.
- *Elizabeth Mary Bohen.....Brooklyn, N. Y.
- *Marie Theodore Bollenhagen.....Brooklyn, N. Y.
- *Ida Bolles.....New York City
- *Leona Priestly Bonney.....Hackensack, N. J.
- Guernsey John Borst.....Seward, N. Y.
Cornell University, B.A., 1903; Norwich University, M.A.,
1907; Grove City College, Ph.D., 1908.

- *Isabelle Averil Boulton.....Brooklyn, N. Y.
- *Jennie Grace Bowtell.....New York City
New York City Normal College, 1890.
- Arthur Aloysius Boylan.....New York City
College of the City of New York, B.A., 1902.
- Frank Boylan.....New York City
College of the City of New York, B.A., 1905.
- *James A. Bridges.....Jersey City, N. J.
- *Ada Sarah Brittingham.....Mount Vernon, N. Y.
State Normal School, New Paltz, N. Y., 1906.
- *George Edward Brownell.....New Brighton, N. Y.
Illinois Wesleyan University, Ph.B., 1908.
- *Isabella Jean Bryan.....New York City
- *Mabel Anna Buntin.....Walden, N. Y.
State Normal School, New Paltz, N. Y., 1901.
- *Louis Buchholtz.....New York City
College of the City of New York, A.B., 1902.
- William James Callan.....Brooklyn, N. Y.
Manhattan College, B.A., 1879; A.M., 1882; Long Island Col-
lege Hospital, M.D., 1892.
- *Emma Campbell.....Linden, N. J.
- *Catherine Patricia Candler.....New York City
- *Elise Lopes Cardoza.....Brooklyn, N. Y.
- *Russell CarterBrooklyn, N. Y.
- *Margaret Leontine Casey.....New York City
New York City Normal College, 1898.
- *Jennie Estella Chapin.....Jamaica, N. Y.
- James Henry Christie.....Bayonne, N. J.
St. Lawrence University, B.S., 1893; New York Law School,
LL.B., 1899.
- *Rachel Cohen.....New York City
New York City Normal College, 1890.
- Arthur Warren Collard.....Dover, N. J.
University of Rochester, B.A., 1899.
- *Stella Loretta Conley.....New York City
William Patrick Conley.....Long Island City, N. Y.
College of St. Francis Xavier, B.A., 1905.
- *Elizabeth G. Connor.....Brooklyn, N. Y.
- *Thomas Stansbury Constantine.....New York City
- *Catherine Conway.....New York City
- Elinor Cook.....Oakland, N. Y.

- *Elizabeth Gertrude Cooley.....New York City
New York City Normal College, 1891.
Benjamin Franklin Cooley.....Oyster Bay, N. Y.
State Normal School, Brockport, N. Y., 1883.
- *Agnes Amalie Cording.....Long Island City, N. Y.
- *Harriet T. Cornish.....Gillette, N. J.
David Birdsall Corson.....Newark, N. J.
State Normal School, Trenton, N. J., 1884; New York University, Pd.M., 1893.
- ♫Horace Arthur Crabb.....Westchester, N. Y.
State Normal School, Potsdam, N. Y., 1899.
- *Clara Louise Crampton.....Brooklyn, N. Y.
Alice Prentiss Cromack.....Malden, Mass.
Wellesley College, B.A., 1900.
- *Anna Golden Crosson.....New York City
New York City Normal College, 1890.
- *Grace Crossen.....New York City
- ♫Irene Marie Cullen.....Brooklyn, N. Y.
- *Elizabeth May Culley.....Avon, N. Y.
Buffalo Normal School, 1894.
- *Mary T. Curran.....Brooklyn, N. Y.
Charles Milton Dalrymple.....Hackensack, N. J.
New York University, Pd.M., 1892; B.S., 1905.
- *Mary Laura Dalton.....Jersey City, N. J.
George Joseph Dann.....Roslyn, N. Y.
Union College, A.B., 1896; A. M., 1899.
- Henry Davidoff.....New York City
College of the City of New York, B.A., 1899; Columbia University, M.A., 1904.
- *Anna Mary Day.....Plainfield, N. J.
Frank Ervin DeGelleke.....Sea Cliff, N. Y.
University of Rochester, B.A., 1902.
- *Dora Carrie Deis.....New York City
New York City Normal College, 1898.
- Abraham Deixel.....Newark, N. J.
Columbia University, B.A., 1905.
- Edward Clare Delaney.....Albany, N. Y.
Harvard University, B.A., 1907.
- *Mary Hope Denver.....New York City
- *Frank Braithwaite Devlin.....Westchester, N. Y.
- *Benjamin Parke DeWitt.....Elmhurst, N. Y.
- *Alice Hoyt Dickinson.....Brooklyn, N. Y.

- *Florence Marion Dickson.....New York City.
New York City Normal College, B.A., 1904.
- *Kate Letitia Dickinson.....New York City.
New York City Normal College, 1904.
- *Carlotta Veronica Dillon.....New York City
- *Mary Bridget Dillon.....Belmont, N. Y.
State Normal School, Fredonia, N. Y., 1896.
- *Allen Thomas Doggett.....Brooklyn, N. Y.
Jacob Abraham Dolgenas.....New York City
College of the City of New York, B.A., 1902.
- Thomas Martin Donohue.....New York City
College of the City of New York, B.S., 1894.
- *Florence Scott Dorsey.....New York City
New York City Normal College, 1901.
- *Amelia Douglas.....Orange, N. J.
- *Dorothea DraperNew York City
Frederick DrescherNew York City
New York University, B.A., 1907.
- Stanley Clifford Dukeshire.....Orange, N. J.
Yale University, B.A., 1903.
- *John Eagan.....Scarsdale, N. Y.
- *Elizabeth Edwards.....Hackensack, N. J.
State Normal School, Trenton, N. J., 1899.
- *Jeannette Ehrlich.....New York City.
- *Adaline Eldredge.....Sharon Springs, N.Y.
State Normal School, Oneonta, N. Y., 1896.
- *Mary Eaton Emerson.....Wakefield, Mass.
- *May Evans.....New York City.
New York City Normal College, 1902.
- Martin Joseph Fay.....Yonkers, N. Y.
Fordham College, B. S., 1908.
- *Marie Agnes Feeny.....Hoboken, N. J.
- *Nathaniel FilfussNew York City
College of the City of New York, B.A., 1902.
- *Frederick William Fink.....Brooklyn, N. Y.
- *Ida Edith Fischer.....New York City.
New York City Normal College, B.A., 1903.
- *Mary Margaret FitzSimons.....Utica, N. Y.
Albany Normal College, Pd.B., 1897.

- °*Katharine Marcella Fogarty.....Flushing, N. Y.
State Normal School, Jamaica, N. Y., 1901.
- *Jennie Teresa Frabbito.....New York City.
- *Anna Angela Frank.....Bayonne, N. J.
- °*John Clarence Franklin.....Garfield, N. J.
Taylor University, Ph.B., 1901; A.M., 1902.
- °Benjamin Freeman.....Brooklyn, N. Y.
College of the City of New York, B.A., 1905.
- °*Catharine D. Frey.....New York City.
New York City Normal College, 1895.
- °*Lilah DeGarmo Frey.....New York City
New York City Normal College, 1888.
- °*Clara Duty Frost.....Wollaston, Mass.
- °Dora Fuchs.....New York City
New York City Normal College, 1898.
- *Camilla Elise Fueslein.....New York City.
- *Lucy Fulton.....Carthage, N. Y.
- *Edith Gage.....New Rochelle, N. Y.
New York City Normal College, 1895.
- *Miriam Gage.....Cambridge, Mass.
Stanley Ashton Gage.....New York City.
College of the City of New York, B.S., 1894.
- *Grace Almenia Garrison.....New York City.
New York City Normal College, 1890.
- *Inez Izeta Gay.....Orange, N. J.
- *Catherine Barbara Gent.....New York City
- *Gertrude Gifford.....Rockville Center, N. Y.
Marcus Louis Glazer.....Flemington, N. J.
Syracuse University, B.S., 1892; M.S., 1896.
- *Berta von Glumer.....Mexico City, Mexico.
- °Louis Goldberger.....New York City
College of the City of New York, A.B., 1902.
- *Martha Geraldine Goode.....Brooklyn, N. Y.
- *Nellie Gore.....New York City.
New York City Normal College, 1891.
- *Emma Ernestine Gould.....New York City.
- °Frederick Burton Graham.....New York City
State Normal School, Oneonta, N. Y., 1899.
- *Elizabeth Margarine Graves.....Palisades Park, N. J.

- Morris Greenberg.....New York City.
College of the City of New York, B.S., 1902.
- *Ethel V. Greene.....New York City.
Maria Louise Greene.....New Haven, Conn.
Vassar College, B.A., 1891; Yale University, Ph.D., 1895.
- *Edith Gregory.....Stapleton, N. Y.
State Normal School, Trenton, N. J., 1893.
- *Anne Griffin.....Brooklyn, N. Y.
New York City Normal College, 1889.
- *Jennie Ward Griswold.....Brooklyn, N. Y.
Louise Entwisle Growoll.....New York City
New York City Normal College, B.A., 1897; New York University, M.A., 1902.
- *Adolph Joseph Grubman.....New York City
New York University, LL.B., 1898.
Abraham Hirsch Halprin.....New York City.
College of the City of New York, B.A., 1907.
- *Lillian Halstead.....Paterson, N. J.
- *Emma Frances Hamilton.....New York City.
New York City Normal College, 1889.
Clarence Dayton Hanford.....Hastings-on-Hudson, N. Y.
State Normal School, Oswego, N. Y., 1900.
James Harrigan.....West Brighton, N. Y.
St. Lawrence University, B.S., 1896.
- *Fanny Hartsfeld.....Bensonhurst, N. Y.
Louis Dunton Hartson.....Ottumwa, Iowa.
Iowa College, Ph.B., 1908.
- *Esther M. Hawes.....Rutherford, N. J.
- *Helen Maud Hayes.....Westerleigh, N. Y.
- *Kate Laura Hayes.....Newark, N. J.
Newark Normal School, 1908.
- *Marion Elvira Hebbard.....Shortsville, N. Y.
- *Charlotte Herckner.....Hackensack, N. J.
- *Emma Herdling.....New York City.
New York City Normal College, 1894.
Mary Eva Hewlett.....Austin, Texas.
University of Texas, B.A., 1908.
- *Anna Louise Hickey.....Long Island City, N. Y.
Catherine Regina Hickey.....Laurel Hill, N. Y.

- *Gertrude Morse Hickey.....New York City.
 *Albert Lucius Hitchcock.....Flushing, N. Y.
 State Normal School, Oneonta, N. Y., 1898.
 Elizabeth Josephine Hofer.....New York City
 New York City Normal College, 1877; New York University,
 Pd.M., 1903.
 Ella Amanda Holmes.....Jamaica, N. Y.
 Cornell University, B.S., 1898.
 *Minnie Holzmänn.....West Hoboken, N. J.
 *Emma Agnes Hornbeck.....Brooklyn, N. Y.
 *Anastasia Howe.....West Hoboken, N. J.
 New York University, Pd.M., 1894.
 Henry Budd Howell.....Jersey City, N. J.
 Lafayette College, B.A., 1886; Columbia University, M.A., 1897.
 *Theresa Margaret Huber.....Ridgefield Park, N. J.
 *Kathryn Eleanor Huehne.....New York City.
 State Normal School, New Paltz, N. Y., 1892.
 *Sara Huggins.....Addison, N. Y.
 State Normal School, Geneseo, N. Y., 1896.
 *Rachel Wagner Hulsizer.....New York City.
 *Clara Virginia Hummel.....Newark, N. J.
 *Harriet Caswell Humphrey.....New York City.
 *Nannie Humphrey.....New York City.
 *Alvan Robertson Hunt.....Paterson, N. J.
 J. Russell Hunt.....New York City
 College of the City of New York, B.S., 1903; New York Uni-
 versity, Pd.M., 1908.
 Loretto Cecilia Hunt.....New York City
 New York City Normal College, B. A., 1902; New York Uni-
 versity, M. A., 1906.
 *Jean Carr Huston.....Corona, N. Y.
 New York University, Pd.M., 1895.
 *Winfred Inglis.....Spring Valley, N. Y.
 Cooper Union, B.C., 1908.
 Lewis I. Israel.....Brooklyn, N. Y.
 College of the City of New York, B.A., 1904.
 Elizabeth Anne Jacobs.....New York City
 New York City Normal College, 1880; New York University,
 Pd.M., 1905.
 *Edward Richard von Janniski.....New York City.

- Alceste Roxanne Jenkins.....Brooklyn, N. Y.
Cornell University, B.A., 1904.
- *Frances Mabel Jenness.....Brooklyn, N. Y.
New York City Normal College, 1896.
- *Emma Christine Johnson.....New York City.
New York City Normal College, 1892.
- *Harriet A. Johnson.....Brooklyn, N. Y.
State Normal School, Oneonta, N. Y., 1896.
- *Harriet A. Johnson.....Brooklyn, N. Y.
State Normal School, Oneonta, 1896.
- *Anna Coburn Johnston.....New York City.
New York City Normal College, 1896.
- Frederick Muchmore Johnston.....New York City
College of the City of New York, B.A., 1902.
- *Maude Viola Johnston.....Hoboken, N. J.
Hoboken Normal School, 1893.
- *Anna Aloysious Jones.....Elmhurst, N. Y.
- *Jane D. Jones.....Freehold, N. J.
State Normal School, Trenton, N. J., 1899.
- *Maurice Claud Jones.....New York City
Storer College, 1907.
- *Mabel Frances Jones.....Brooklyn, N. Y.
- *Rachel Whiting Jones.....Elizabeth, N. J.
- *Ann Eleanor Joy.....New York City.
State Normal School, Potsdam, N. Y., 1899.
- Raymond Pimlott Kaighn.....Brooklyn, N. Y.
Hamline University, Ph.B., 1898; Columbia University, M.A.,
1905.
- *Mary J. Kelley.....Paterson, N. J.
Paterson Normal School, 1882.
- *Florence Watts Kendall.....Port Chester, N. Y.
- Ernest Beckwith Kent.....Jersey City, N. J.
Iowa College, B.A., 1894; Columbia University, M.A., 1901;
Ph.D., 1903.
- *John Sylvester Kersey.....Brooklyn, N. Y.
College of St. Francis Xavier, Ph.B., 1897; B.A., 1900.
- Mary Elizabeth Kerrigan.....New York City
New York University, Pd.M., 1896.
- *Edwin Bush Keyt.....Brooklyn, N. Y.
- *Helen Dawson Kiernan.....New York City.
New York City Normal College, B.A., 1905.

- *Irene Agnes Kilgalon.....New York City.
New York City Normal College, B.A., 1903.
- *Elizabeth Woodruff Kipp.....New York City.
State Normal School, Geneseo, N. Y., 1897.
- Morris Klein.....New York City
College of the City of New York, B.A., 1902.
- *Clara Kleiser.....New York City.
Margaret Knox.....New York City
New York City Normal College, 1885; New York University,
Pd.M., 1901.
- *George Alexander Kohut.....New York City.
- *Louise Pauline Koster.....Brooklyn, N. Y.
- *Mabel Catharine Koster.....Brooklyn, N. Y.
William Adolph Kottman.....New York City
College of the City of New York, B.S., 1886; Columbia Uni-
versity, LL.B., 1889; New York University, Pd.M., 1902.
- *Matilda Frances Krabs.....New York City.
- *Emma Fortuna Kramlich.....New York City.
- *Margaret Ethel Lacey.....Brooklyn, N. Y.
William Kingsbury Lane.....Brooklyn, N. Y.
Williams College, B.A., 1901.
- *Anna Marie Laube.....Long Island City, N. Y.
New York City Normal College, 1898.
- *Ada A. Lawton.....Brooklyn, N. Y.
- *Mary Hamilton Leech.....New York City
New York City Normal College, B.A., 1901.
- *Eleanor Gertrude Leary.....New Haven, Conn.
State Normal School, New Haven, Conn., 1899.
- *Fred Purcell Leary.....Paterson, N. J.
William Merrill Leavitt.....Weehawken, N. J.
Harvard University, B.A., 1899; A.M., 1901.
- Caroline Wilhelmina Leeker.....Brooklyn, N. Y.
New York City Normal College, B.S., 1902; New York Uni-
versity, Pd.M., 1907.
- Max Leibson.....New York City
College of the City of New York, B.S., 1906.
- John Joseph Bernard Leonard.....New York City
College of the City of New York, B.A., 1902.
- *Mary Leonard.....Brooklyn, N. Y.
- *Grace Henderson Lessing.....Brooklyn, N. Y.
- *Clara Levy.....Newark, N. J.

- Arthur Clyde Lewis.....New York City.
Colgate University, B.A., 1904.
- *Philip Leonard Liphshitz.....New York City.
College of the City of New York, B.A., 1904; New York University, M.A., 1908.
- *Ethel Liplich.....New York City.
New York City Normal College, 1901.
- *Albert Loewinthan.....New York City.
College of the City of New York, B.A., 1901.
- *Lewis George Lloyd.....Yonkers, N. Y.
- *Nina M. Loper.....Brooklyn, N. Y.
- *Harry Melville Love.....Brooklyn, N. Y.
- *Cora Bishop Lynch.....Brooklyn, N. Y.
- *Helen M. Lynch.....New York City.
- *Jennie Milne Lytle.....Brooklyn, N. Y.
- *Florentine Jane McAnana.....New York City.
- *Edith Keahles MacArthur.....New York City.
- *Bertha McCaffrey.....Boston, Mass.
State Normal School, New Britain, Conn., 1906.
- Thomas Knox McClelland.....Newark, N. J.
New York University, M.A., 1901.
- Alexander McClinchie.....Brooklyn, N. Y.
New York University, B.A., 1905.
- *Marie Florence MacConnell.....New York City.
- *Susan McCormick.....New York City.
- Mary Louise McDonnell.....Hoboken, N. J.
Hoboken City Normal School, 1879.
- *Henry Grattan McDonough.....Jamaica, N. Y.
State Normal School, Oneonta, N. Y., 1898.
- *Michael Joseph McEvoy.....Brooklyn, N. Y.
- *Elizabeth Marie McGowan.....New York City.
New York City Normal College, 1898.
- *Mary Irene McGurrian.....Grand Rapids, Mich.
- *David Lawrey MacKay.....Astoria, N. Y.
- *Harriet Elizabeth McKay.....New York City.
State Normal School, Oswego, N. Y., 1896.
- *Christena McLarty.....New York City.
- *Rose Matilda Adaline McManus.....New York City.
New York City Normal College, 1892; New York University, Pd.M., 1897.
- *Ella MacNutt.....Newark, N. J.

- Marie Regina Madden.....Brooklyn, N. Y.
Trinity College, B.A., 1908.
- *Pierre Joseph Marique.....New York City.
- *Jane Clark Marran.....Yonkers, N. Y.
State Normal College, Albany, N. Y., 1891.
- *Louise Muriel Martin.....Newark, N. J.
State Normal School, Oswego, N. Y., 1904.
- *Mary Teresa Martin.....New York City.
- *Margaret Richmond Mason.....Orange, N. J.
- *Mary Matthews.....Newark, N. J.
State Normal School, Brockport, N. Y., 1888.
- *Maria Pereira Mendes.....New York City
- *Bert Emery Merriam.....Hackensack, N. J.
Oberlin College, B.A., 1894.
- *Teresa Edith Merritt.....New York City.
- Samuel Foster Mersereau.....New York City.
University of Rochester, B.A., 1902.
- William Allen Messler.....East Orange, N. J.
Rutgers College, B.S., 1898; M.S., 1901.
- *Evelyn Augusta Meyenborg.....Brooklyn, N. Y.
- *Walter Scott Meyer.....Brooklyn, N. Y.
College of the City of New York, B.S., 1902.
- *David Meyers.....New York City.
College of the City of New York, B.S., 1904.
- *Margaret Milmine.....Auburn, N. Y.
State Normal School, Geneseo, N. Y., 1898.
- *Adrienne Minelli.....Astoria, N. Y.
- *Annie Elizabeth Moore.....Hoboken, N. J.
Hoboken Normal School, 1876.
- *Mary Vincentia Moore.....New York City.
- Edwin Morgan.....Newark, N. J.
University of Chicago, B.A., 1894; Columbia University, M.A.,
1906.
- *Mary Elizabeth Morris.....Brooklyn, N. Y.
New York City Normal College, 1894.
- *Kate Cecilia Mulligan.....New York City.
- *Dorothea E. Mund.....New York City.
- *Alice Leonore Murphy.....Brooklyn, N. Y.
- *Anna Murphy.....Randall's Island, N. Y.
- *Jane Frances Murphy.....Richmond Hill, N. Y.
- *Louise Murray.....Elmhurst, N. Y.

- Blanche Eloise Myers.....Muir, Mich.
University of Michigan, B.A., 1905.
- *Willett Neer.....Basking Ridge, N. J.
Harvey Newcomer.....Yonkers, N. Y.
Franklin-Marshall College, B.A., 1892; Columbia University,
M.A., 1907.
- *Lucille Hernandez Nicol.....Brooklyn, N. Y.
New York City Normal College, 1897.
Sekiji Nishiyama.....Tanba, Hiogo, Japan.
- *Mary Agnes Noonan.....New York City
William Whiteley Nutting.....New York City
State Normal School, Winona, Minn., 1888.
- *Margaret O'Hagan.....New York City.
Romuald Riley O'Hagan.....Astoria, N. Y.
- *Agnes Cecilia O'Malley.....Brooklyn, N. Y.
- *Patrick Benedict O'Meara.....Brooklyn, N. Y.
Mary Janet Clancy O'Neil.....Brooklyn, N. Y.
- *Maud Louise Parker.....Westerleigh, N. Y.
Archibald Garfield Peaks.....Greene, Iowa
Upper Iowa University, Ph.B., 1906; New York University,
Pd.M., 1908.
- Melvin Charles Oppermann.....New York City.
New York University, B.A., 1905.
- *Maude Rollins Osborne.....Brooklyn, N. Y.
- *Bertha Maxwell Palmer.....Newark, N. J.
New York City Normal College, 1900.
- William Henry Perry.....Dobbs Ferry, N. Y.
Syracuse University, B.A., 1893; A.M., 1896; New York Uni-
versity, Pd.M., 1908.
- *Esther Perutz.....West Hoboken, N. J.
Henry Peyser.....New York City
College of the City of New York, A.B., 1903.
- *Margaret Pfeiffer.....Scranton, Pa.
Louise Phelps.....Schuyler, Neb.
University of Nebraska, B.A., 1902.
- Ellen Morgan Phillips.....New York City
New York City Normal College, 1890; New York University,
Pd.M., 1901.
- *Jean Sutton Phillips.....New York City
- *Frank Pickelsky.....New York City
College of the City of New York, B.A., 1902.

- *Marion Goldie Pitt.....New York City
New York City Normal College, 1889.
- William Franklin Porter.....New York City
State Normal School, Millersville, Pa., 1881; New York University, Pd.M., 1904.
- *Maud Ida Price.....Astoria, N. Y.
New York City Normal College, 1881.
- Oscar Quick.....Jamaica, N. Y.
Harvard University, B.A., 1895; M.A., 1896.
- Paul R. Radosavljevich.....Obrez, Slavonia
University of Zurich, Ph.D., 1904; New York University, Pd.M., 1907; Pd.D., 1908.
- *Lula Horne Rainey.....New York City
- *Mary Agnes Ramsey.....Paterson, N. J.
Edward Briggs Rawson.....New York City
Massachusetts Agricultural College, B.S., 1881.
- William Crain Raymond.....Hoboken, N. J.
University of Rochester, B.A., 1889.
- Lydia Fleming Redding.....Newark, N. J.
New York University, B.S., 1908.
- *Helen Regan.....New York City
New York City Normal College, B.A., 1902.
- *Catherine Anne Reilly.....Stamford, Conn.
State Normal School, New Haven, Conn., 1895.
- *Sara Lewis Rhodes.....Brooklyn, N. Y.
- *Helen M. Rice.....New York City
New York City Normal College, 1894.
- John James Richards.....Massena, N. Y.
State Normal School, Potsdam, N. Y., 1902; New York University, B.S., 1907.
- *Mary Righter.....New York City.
- *Marietta Riley.....Brooklyn, N. Y.
Columbia University, B.A., 1904; Adelphi College, M.A., 1908.
- *Agnes Ritchie.....New York City
New York City Normal College, 1903.
- Julius Ritter.....New York City.
College of the City of New York, B.S., 1899.
- *Mabel Gordon Roberts.....New York City.
New York City Normal College, 1902.
- Robert Robinson.....New York City
College of the City of New York, B.S., 1900.

- *Louise Robison.....Scotch Plains, N. J.
State Normal School, Trenton, N. J., 1895.
- Christina Logan Roe.....New York City.
Provincial Normal School, Toronto, 1889; New York University, Pd.M., 1903.
- *Georgine Roer.....Brooklyn, N. Y.
- *Mary Gertrude Ronayne.....Brooklyn, N. Y.
- *Augusta Belle Root.....Newark, N. J.
Newark Normal School, 1908.
- Max Irving Rosenhaus.....New York City.
College of the City of New York, B.S., 1904; New York University, M.A., 1908.
- *Edward Porter St. John.....Hartford, Conn.
- Ida Sandman.....New York City
New York City Normal College, 1893.
- *Wilhelmina Sandmann.....Hoboken, N. J.
- *Marion Sands.....Brooklyn, N. Y.
- Daniel Irving Sanford.....Charles City, Iowa.
Upper Iowa University, Ph.B., 1908.
- *Harriett Betsy Sargent.....Gardner, Mass.
State Normal School, Worcester, Mass., 1898.
- *Lizzie Kirk Savage.....New York City.
New York City Normal College, 1891.
- *Lynn Mateer Saxton.....Edgewater, N. J.
Lafayette College, B.S., 1897; M.S., 1900; New York University, Pd.M., 1908.
- Ignatz Saymon.....New York City.
College of the City of New York, A.B., 1900; New York University, LL.B., 1904; A.M., 1908.
- *Eva Sayre.....New York City.
New York City Normal College, 1905.
- *Helen Marie Scanlan.....Brooklyn, N. Y.
- *Andrew Scarlett.....Newark, N. J.
State Normal School, Trenton, N. J., 1891.
- *Magdalen Elizabeth Schaefer.....Union Course, N. Y.
- *Emma Anna Schaller.....New York City.
New York City Normal College, B.S., 1902.
- *Louise Amelia Schneiker.....New York City
New York City Normal College, 1897.
- Frederick Schoedel, Jr.....New York City
College of the City of New York, B.A., 1896; New York University, Pd.M., 1903.

- *Martha Schott.....New York City.
New York City Normal College, 1904.
- *Ida Christine Schrader.....Hoboken, N. J.
- *Georgiana Elizabeth Schroder.....Brooklyn, N. Y.
New York City Normal College, 1905.
- *Maurice E. Schur.....New York City.
- *Henrietta Casterline Searing.....Dover, N. J.
- *Florence Kathryne Selden.....New York City
- *Leah Sherwood.....New York City.
Toronto University, B.A., 1897; Ontario Normal College, 1898;
New York University, Pd.M., 1903.
- *Cornelia Janney Shoemaker.....Lincoln, Va.
Swarthmore College, B.L., 1894.
- Ada Morrell Sill.....New York City.
New York University, M.A., 1908.
- Edward Stephen Slattery.....New York City
College of the City of New York, B.A., 1904.
- *Ada May Smith.....Cobalt, Conn.
- Ernest E. Smith.....Brooklyn, N. Y.
- *Jenny Ruddell Smith.....New York City.
- *Thomas P. Smith, Jr.....New York City.
- *Harper G. Smyth.....New York City.
- *Etta Estelle Southwell.....Lima, N. Y.
- George Frederick StahlNew York City.
College of the City of New York, B.S., 1897.
- *Herman Stiller.....New York City.
- *Lucy Evelyn Stone.....Brooklyn, N. Y.
- *Alice Huntington Story.....Brooklyn, N. Y.
- *F. E. Kurt Stoye.....New York City
- *Minerva Augusta Strauchen.....Jamaica, N. Y.
State Normal School, Oneonta, N. Y., 1894.
- *Ida Alma Ströhmman.....Brooklyn, N. Y.
New York City Normal College, B.A., 1901.
- *Oret Elizabeth Strong.....Long Island City, N. Y.
State Normal School, Buffalo, N. Y., 1892.
- *Daisy McKay Strouse.....New York City.
- Saul Strumwasser.....New York City.
College of the City of New York, B.A., 1907.
- Bessie Sullivan.....Brooklyn, N. Y.
Wellesley College, B.A., 1898.

- Mary Sullivan.....Brooklyn, N. Y.
Cornell University, B.A., 1902.
- *Mary Agnes Sullivan.....Cortland, N. Y.
State Normal School, Cortland, N. Y., 1896.
- *Annie Sutherland.....New York City
- *Minnie May Swayze.....Hackensack, N. J.
- *Rose Agnes Taaffe.....Brooklyn, N. Y.
New York University, B.S., 1908.
- Edward Lee Teale.....Brooklyn, N. Y.
Columbia University, B.A., 1905.
- Mary Elizabeth Thompson.....Redford, Mich.
Columbia University, M.A., 1905.
- *Lucy Henrietta Thormahlen.....New York City.
- *Matilda Ernestine Thorn.....Brooklyn, N. Y.
- *Emma Augusta Tibbetts.....New York City.
- *George R. Tilford.....Leonia, N. J.
State Normal School, Emporia, Kansas, 1903.
- Ada Eckert Tompkins.....Yonkers, N. Y.
New York University, B.S., 1908.
- *Charles Augustus Tonsor, Jr.....Brooklyn, N. Y.
New York University, B.A., 1907.
- *Gertrude Esther Tracy.....Cortland, N. Y.
State Normal School, Cortland, N. Y., 1899.
- Janette Trowbridge.....Brooklyn, N. Y.
Columbia University, B.S., 1906.
- *Sara Edith Tyndall.....Oradell, N. J.
State Normal School, Trenton, N. J., 1895.
- *Caroline Elizabeth Underhill.....Brooklyn, N. Y.
Austin Hiel Updyke.....Garwood, N. J.
New York University, B.S., 1908.
- *May Hammond Vail.....Brooklyn, N. Y.
- *Minnie Cornelia Van Deventer.....New York City.
- *Elizabeth George Van Saun.....Maywood, N. J.
- *Emma Hodge Van Voorhies.....Paterson, N. J.
Paterson Normal School, 1894.
- George Todd Vaules.....Dongan Hills, N. Y.
Rutgers College, B.A., 1898; M.A., 1901.
- Helen Teresa Vlymen.....Hempstead, N. Y.
Trinity College, B.A., 1908.
- *Ida May Volk.....New York City.
- *Mary Genevieve Walsh.....Brooklyn, N. Y.
- *Caroline Elizabeth Ward.....New York City

- *Frances Julia Warner.....Homer, N. Y.
 *Helen Cecilia Warren.....Jersey City, N. J.
 *Annie T. Washburn.....Montclair, N. J.
 *Hanna Wehle.....New York City.
 *Jeannette Weinberg.....New York City.
 New York City Normal College, 1898.
 Frances Adler Weiss.....New York City
 New York City Normal College, 1879; New York University,
 Pd.M., 1898.
 *William Wallace Welsh.....Brooklyn, N. Y.
 Arthur James Weston.....Scranton, Pa.
 Lehigh University, B.A., 1904; Yale University, M.A., 1905.
 Florence Martha Whiteley.....Grahamsville, N. Y.
 State Normal School, Oswego, N. Y., 1882; New York Uni-
 versity, Pd.M., 1903.
 *Salome Whitely.....Grahamsville, N. Y.
 Alice Torrey Whyte.....Jersey City, N. J.
 State Normal School, Trenton, N. J., 1891.
 *Aimée Whyte.....Jersey City, N. J.
 *Edith Isabel Whyte.....Jersey City, N. J.
 Jennie Dolores Williams.....New York City
 New York City Normal College, 1887; New York University,
 Pd.M., 1903.
 *Ella Mercer Wood.....New York City.
 Eva Constance Wood.....Brooklyn, N. Y.
 New York City Normal College, 1886; New York University,
 Pd.M., 1906.
 *Henrietta Wood.....Brooklyn, N. Y.
 *Flora Belle Woodman.....Brooklyn, N. Y.
 *Augusta W. Wool.....Hackensack, N. J.
 Herman Henry Wright.....Manhasset, N. Y.
 Amherst College, B.S., 1898; A.M., 1902.
 *Lulu Eleanor Wright.....Verona, N. J.
 State Normal School, Trenton, N. J., 1899.
 *Eva Catherine Young.....New York City
 New York City Normal College, B.A., 1901.
 *Martha Alice Youngs.....Brooklyn, N. Y.
 Vacslav Ziegler.....New York City.
 University of Omaha, B.A., 1901.

SPECIALS.....297 TOTAL.....440

*Students of the Graduate School Taking Courses in the
School of Pedagogy*

The following students in Pedagogy are candidates for degrees in the Graduate School, and their names will be found in the roll of that school:

Martha Adler	Edward J. Kunze
Milton M. Adler	William Whitfield Lamb
Katherine Bauer	Abraham Landesman
Jesse C. Bell	Julius Landowne
John Lewis Beinert	Edson James Lawrence
Robert Bernard Brodie	Jacob J. Leibson
John H. A. Burkhardt	John J. B. Leonard
Nathan E. Buskin	Herbert B. Levine
Joseph T. P. Callahan	John Linker
Hannibal H. Chapman	Louis G. Lippman
Samuel Cohen	Michael Henry Lucey
May Alice Crimmins	Jacob Edward Mayman
Samuel Davidowitz	Ward Clinton Moon
Henry N. Davidson	Morris Moscovitz
Adelaide M. Davis	John A. Murray
Elizabeth R. Donovan	Marietta Riley
William Foreman Dunbar	Ignatz Saymon
Nellie M. Farmer	Alfred M. Schaffer
Jacob Gordon	Samuel Schuman
Benjamin B. Greenberg	Warren P. Shellard
William C. Hagen	Charles A. Sheppard
Jesse Hoyt Haley	Isidore Springer
William Armand Hannig	John A. Sullivan
William Edwin Hendrie	Henry F. Supnik
Max Hochberg	Edward Sussman
Michael J. Isaacs	Howard Melville Tracy
Henry D. Katz	Marie H. Wedemeyer
David Frederick Kelly	William Parker Wharton
Clayton Charles Kohl	Agnes Wilson
Abraham J. Korey	Clifford Wray

TOTAL 60

Special Students in Domestic Art

Agnes Lydia Babcock.....	New York City.
Emily Eveline Badetty.....	Brookhaven, N. Y.

Frieda Judith Bayern.....	New York City.
Josephine Adams Belcher.....	Newark, N. J.
Lucy Helen Booth.....	Flushing, N. Y.
Edith Emily Brown.....	Potsdam, N. Y.
Jo Lela Brown.....	Auburn, N. Y.
Christabel Ellen Campbell.....	Geneseo, N. Y.
Evaline Hatch Cleaveland.....	Bradley Beach, N. J.
Gertrude Maria Clement.....	New York City.
Edith Catharine Cochran.....	New York City.
Mary Letiza Cockle.....	Clarence, N. Y.
Mary Elizabeth Cowan.....	Brooklyn, N. Y.
Margaret Jane Davis.....	Maywood, N. J.
Nellie Winifred Davis.....	Maywood, N. J.
Jane Areson Dobson.....	Bayonne, N. J.
Helen Gertrude Duffy.....	New York City.
Laura Claire Edwards.....	Riverhead, N. Y.
Sophie Charlotte Ensko.....	New York City.
Edith Pearl Fetterolf.....	Jamaica, N. Y.
Kathleen FitzPatrick.....	New York City.
Cornelia Esther Gayler.....	New York City.
Ethel Fern Gerard.....	Brooklyn, N. Y.
Ellen Carroll Gilligan.....	Brooklyn, N. Y.
Anna Marie Haley.....	Syracuse, N. Y.
Jennie Loraine Herkimer.....	New York City.
Mary Teresa Keatinge.....	New York City.
Josephine Loeb.....	Albany, N. Y.
Mary Gertrude Lynd.....	New Dorp, N. Y.
Edith Laura Lynde.....	Paterson, N. J.
Euphemia Robertia B. Mackie.....	Bayonne, N. J.
Esther Barbe McLaughlin.....	New York City.
Mary Louise Middleton.....	New York City.
Bella Selma Moskowitz.....	New York City.
Elizabeth Livingston Musgrave.....	Yonkers Park, N. Y.
Helen Mary Myers.....	Plattsburg, N. Y.
Mary Ellen Nolan.....	New York City.
Josephine Gladys O'Brien.....	Brooklyn, N. Y.
Gwendoline Pike.....	New Rochelle, N. Y.
Eloise Pounding.....	East Hampton, N. Y.
Mary Evelyn Pratt.....	New York City.
Louise Marie Profit.....	New York City.
Helen Theresa Reilly.....	Bayonne, N. J.
Lydia Annetta Richmond.....	New York City.

Alma Mary Richter.....	Glendale, N. Y.
Beatrice Louise Rideout.....	New York City.
Margaret Louise Roberts.....	Norwalk, Conn.
Mary Robinson.....	Paterson, N. J.
Louise Henrietta Rosenthal.....	New York City.
Charlotte Theodosia Schulte.....	Astoria, N. Y.
Eugenie Serber.....	New York City.
Rose Sternglanz.....	New York City.
Florence Marie Sullivan.....	Mount Vernon, N. Y.
Harriet Duncan Thompson.....	Brooklyn, N. Y.
Mary Elizabeth Timlin.....	Buffalo, N. Y.
Julia Ullmann.....	New York City.
Annie Foss Vosler	Flushing, N. Y.
Annie Jennie Wolf.....	Brooklyn, N. Y.
Bertha Wright.....	New York City.
TOTAL.....	59

Special Students in Physical Education

Laura Anderson.....	Brooklyn, N. Y.
Emma Gertrude Bond.....	Brooklyn, N. Y.
Elizabeth H. Buchanon.....	New York City.
Alexander Cairnes.....	Woodside, N. Y.
Muriel L. Carmody.....	New York City.
Ella Beverly Christiansen.....	New York City.
Mildred Emily Clarke.....	Brooklyn, N. Y.
Ethel Putney Cochrane.....	Brooklyn, N. Y.
Harry Cohn.....	New York City.
Violette Bertha Cuno.....	Brooklyn, N. Y.
Harry Davidson.....	New York City.
Lillian Agnes DeWitt.....	Brooklyn, N. Y.
Maria Louise Dowd.....	Orange, N. J.
Dora Dresdner	Brooklyn, N. Y.
Patti W. Foster.....	New York City.
Elizabeth Fulton.....	New York City.
Lillian Julia Marguerite Genung.....	White Plains, N. Y.
Blanche Gutman.....	New York City.
Louise Harlin.....	Brooklyn, N. Y.
Loretta Hawthorne Hayes.....	New York City.
Mary Fiske Heap.....	New York City.
Georgiana Hurlbutt.....	New York City.
Leigh Tucker Jones.....	Yonkers, N. Y.

Elsie Junghans.....	New York City.
Cora Junius.....	New York City.
Lillian Loretta Kuester.....	Brooklyn, N. Y.
Katharine Augusta Leonard.....	Brooklyn, N. Y.
Earle Edwin Liederman.....	Richmond Hill, N. Y.
Josephine A. McAllister.....	New York City.
Stanley H. McGahie.....	Brooklyn, N. Y.
Margaret Kathryn McGill.....	Brooklyn, N. Y.
Frances Adella O'Brien.....	New York City.
Mary Frances Boyce O'Connell.....	New York City.
Emma Augusta Ransome.....	New York City.
Martin Rodgers.....	New York City.
Evelyn M. Sandys.....	New York City.
Viola Scharendorf.....	New York City.
Oscar Cornelius Seikel.....	Newark, N. J.
Edith Marguerite Sneckner.....	New Rochelle, N. Y.
Julius Strauss.....	New York City.
Florence Stuart.....	New York City.
Carrie Isabel Taylor.....	Plainfield, N. J.
Harley Hasting Thomas.....	New York City.
Marion Valentine Van Court.....	New York City.
Mercedes Ward.....	New York City.
Jean Watson.....	Brooklyn, N. Y.
Isabel R. Watson.....	Brooklyn, N. Y.
Eleanor Whelan.....	Astoria, N. Y.
Dorothy Wreyford.....	New York City.
TOTAL	59

Summary

SCHOOL OF PEDAGOGY.....	440
GRADUATE STUDENTS IN EDUCATION.....	60
SPECIAL STUDENTS IN PHYSICAL EDUCATION.....	49
SPECIAL STUDENTS IN DOMESTIC ART.....	59
TOTAL.....	608

Woman's Law Class

Roll of Students, 1908-1909

Amelia S. Banks.....	209 Westminister Rd., Brooklyn, N. Y.
Elena M. Barrell.....	346 Gates Ave., Brooklyn, N. Y.
Claire H. Bouclie.....	1923 Seventh Ave., New York City.
Edith V. Brooks.....	436 Vanderbilt Ave., Brooklyn, N. Y.
Loretta V. Brown.....	225 W. 133d St., New York City.
Miriam Cohen.....	1764 Madison Ave., New York City.
Isabel Davidson.....	113 W. 130th St., New York City.
Laura V. Day.....	6 E. 44th St., New York City.
Loretta N. Disken.....	68 W. 88th St., New York City.
Anne E. Dixon.....	148 Ninth Ave., New York City.
Meleah Talmage DeWitt.....	817 Park Pl., Brooklyn, N. Y.
Adelaide Emerson (Mrs. M. C.)..	430 W. 118th St., New York City.
Estelle Clayton Evesson.....	411 W. 57th St., New York City.
Elizabeth A. French.....	62 Park Ave., New York City.
Frieda Greenfield.....	231 E. 85th St., New York City.
Margery Gilmore.....	Woodmere, L. I.
Emma F. Hancin (Mrs. N. A.).....	Glen Ridge, N. J.
Mrs. Elizabeth C. Harris.....	52 W. 54th St., New York City.
Maude E. Henschel (Mrs. Harris).....	Northport, L. I.
Helen Moore Hubbell (Mrs. F. B.).....	
Bretton Hall Hotel, 86th St. and Broadway,	New York City.
Louise Laidlaw Judson (Mrs. W. H.)	31 W. 73d St., New York City.
Mary J. E. Kalt.....	15a West 106th St., New York City.
Mrs. Anna L. Kimball.....	10 Winans St., East Orange, N. J.
Eva Koenigsberg.....	1758 Madison Ave., New York City.
Sarah W. Kufeld (Mrs. Max)....	31 W. 115th St., New York City.
Rose C. Lyman.....	2 St. Nicholas Pl., New York City.
Cornelia C. McLoughlin (Mrs. J. G.)	27 Fifth Ave., New York City.
Alice A. McGibney.....	203 E. 69th St., New York City.
Alma Morrison (Mrs. H. H.)....	2051 Fifth Ave., New York City.
Emma M. Otte.....	817 E. 176th St., New York City.
Anna Pawling.....	215 W. 108th St., New York City.
Helen A. Phelan.....	467 Halsey St., Brooklyn, N. Y.
Jessie Porter.....	509 W. 112th St., New York City.
Reta L. Prall.....	203 Hewes St., Brooklyn, N. Y.
Mabel Remensnyder.....	900 Madison Ave., New York City.

Margaret V. Rooney.....	211 E. 69th St., New York City.
Louise W. Rohile.....	1070 Grant Ave., Bronx, New York City.
Evelyn Seligman.....	369 Grand St., New York City.
Matilda Serge.....	243 Grove St., Jersey City, N. J.
Ada Sterling.....	58 W. 57th St., New York City.
Mabel F. Tuttle.....	21 W. 36th St., New York City.
Charlietta H. Valentine.....	2013 Fifth Ave., New York City.
Edith L. Vernon.....	58 S. Portland Ave., Brooklyn, N. Y.
Amelia Walseman.....	181 E. 70th St., New York City.
Mary Walseman.....	181 E. 70th St., New York City.
Bertha Wright.....	523 Timpson Pl., Bronx, New York City.

TOTAL WOMAN'S LAW CLASS.....46

School of Commerce, Accounts and Finance

Roll of Students, 1908-1909

Graduates

Duffy, Edward J., B.C.S.....	New York City
Hamill, Annie.....	New York City
Perrine, Leroy, B.C.S.....	New York City
Sakai, Seiji, B.C.S.....	Tokio, Japan
Sheperdson, William, B.C.S.....	New York City
Smith, Roy, B.C.S.....	Pontoosuc, Ill.
Total.....	6

Senior Class

Allen, Jr., Samuel E.....	Paterson, N. J.
Baker, Keith L.....	Natchez, Miss.
Baltz, Frank P., L.L.B.....	New York City
Bloch, Maxwell E.....	New York City
Bollenbach, Edward V.....	Newark, N. J.
Buchan, Robert.....	Brooklyn, N. Y.
Burgess, Charles Edwin.....	New York City
Byrnes, Thomas Wm.....	New York City
Cashmore, Charles H.....	New Britain, Conn.
Citrin, Morris.....	New York City
Conkling, William H.....	Orange, N. J.
Craemer, William.....	Bayonne, N. J.
Everett, Randall J.....	Chicago, Ill.
Falk, Henry J.....	New York City
Fritsch, Joseph H.....	Newark, N. J.
Fuson, Frederick L.....	New York City
Gallagher, Frederick W.....	New York City
Greenberg, Morris G.....	Newark, N. J.
Grinfeld, Isaac.....	Buenos Aires, Arg. Rep.
Heitzmann, C. G. M.....	Brooklyn, N. Y.
Hinck, Henry J.....	New York City
Hinrichs, Emil.....	Brooklyn, N. Y.
Holly, C. D.....	Harrisburg, Pa.
Horst, R. Franklin.....	Hagerstown, Md.
Hug, Walter.....	New York City
Hutchinson, Harold G.....	New York City
Irvine, William Henry.....	Delhi, N. Y.
Jablow, Abraham.....	New York City
Jacobs, Harold V.....	Brooklyn, N. Y.

Johnson, William B.....	New York City
Karmel, Abraham.....	New York City
Kinsey, Edwin Marshall.....	New York City
Kirby, J. Albert.....	Rutherford, N. J.
Koopman, S. B., B.S.....	Carthage, Mo.
Kouba, John Emile.....	New York City
Lyons, Samuel W.....	New York City
McDonald, Robert James.....	New York City
Makay, Alexander Frank.....	New York City
Merkel, Wm. F. C.....	New York City
Milgrim, Charles.....	New York City
Moore, Carlton C.....	New York City
Moysello, Alfred.....	New York City
Noone, John.....	Rockville, Conn.
Oesterle, A. G.....	New York City
Osgood, Jr., J. O.....	Plainfield, N. J.
Otjen, Duane B.....	Naperville, Ill.
Paley, Charles, B.A.....	New York City
Parkis, Henry John.....	Galway, N. Y.
Parmet, Meyer.....	New York City
Puder, Abraham H.....	Newark, N. J.
Pullman, William H.....	New York City
Rawlings, Edward R.....	New York City
Reuck, George Moore.....	Newark, N. J.
Richardson, A. M.....	Gallatin, Mo.
Schloss, Jerome H.....	New York City
Shapero, Harry.....	New York City
Smith, Willert B.....	New York City
Snowden, George F. R.....	Brooklyn, N. Y.
Sonderling, Samuel J.....	New York City
Steinberg, Maximilian.....	New York City
Steinecke, Isabelle.....	New York City
Sturm, F. A.....	Paterson, N. J.
Tannenbaum, David.....	New York City
Tibbetts, Emma A.....	Salem, Mass.
Tienken, H. Albert.....	Brooklyn, N. Y.
Tushak, Gerald.....	New York City
Van Dusen, Eldon M., B.A.....	Ontario, Canada
Voehl, W. J.....	New York City
Waldman, Louis.....	New York City
Weber, George H.....	New York City
Wiegand, Wm. B.....	New York City

Wildman, John R.....	New York City
Wintermute, E. S.....	New York City
Zenker, Louis.....	New York City
Total.....	74

Junior Class

Bacas, Paul Edmund.....	New Orleans, La.
Beck, William C.....	Mamaroneck, N. Y.
Bell, William Hansell.....	New York City
Bourgin-Gordon, Hertz.....	New York City
Bowen, Frederic S.....	New York City
Bowman, Franklin	Berlin, Ont.
Breiner, Louis L.....	New York City
Brown, David.....	New York City
Buckley, John Thomas.....	Jersey City, N. J.
Bull, Wellington E.....	Hartford, Conn.
Burr, Sebastian S.....	New York City
Cohen, Maxwell I.....	New York City
Conlin, Woolsey W.....	Flatbush, N. Y.
Craemer, Henry.....	Bayonne, N. J.
Daly, James Matthew.....	Little Neck, L. I.
Dean, Walter Niles.....	New York City
Dodge, Walter Lloyd.....	Rockland, N. Y.
Douglas, William W.....	New York City
Duhan, Morris M.....	New York City
Dykstra, John Richard.....	Paterson, N. J.
Eckes, Peter Albert.....	Jersey City, N. J.
Erhardt, Heinrich M.....	New York City
Feinberg, Joseph H.....	New York City
Ficker, Robert V.....	New York City
Forshaw, Charles Pierpoint.....	Brooklyn, N. Y.
Frank, Philip.....	Brooklyn, N. Y.
Fujita, Frank Otoichi.....	Yokohama, Japan
Fukabori, Risaburo	Annaka, Japan
Fuller, Lewis C.....	Brooklyn, N. Y.
Garcia, R. A.....	Clarines, Venezuela
Geiler, David.....	New York City
Glasser, Wm. F. A.....	Paterson, N. J.
Goodson, Alfred H.....	New York City
Gordon, Harry E.....	Chester, N. H.
Graef, Joseph Edwin.....	New York City
Greenfield, Maurice Edward.....	Brooklyn, N. Y.

Hammond, Lewis P.....	Interlaken, N. Y.
Hatch, Carl Tilden.....	New York City
Hegel, Charles F.....	New York City
Hemenway, Leslie.....	New York City
Hickson, Ralph Purt.....	New York City
Hoffman, Frank.....	Long Island City, N. Y.
Hoge, J. A.....	New York City
Hoyle, Harry.....	New York City
Huete, Modesto.....	San José, Costa Rica
Hughes, Clifton Carl.....	Newark, N. J.
Humez, Juste Florant.....	Wellsboro, Pa.
Hunting, Ralph D., A.B.....	New York City
Jacobson, Charles.....	New York City
Jacoby, William B.....	New York City
James, Herbert Minor.....	Amboy, Ill.
Jappe, Ralph C.....	Brooklyn, N. Y.
Kemmerer, Roy C.....	Factoryville, Pa.
Kepecs, Jacob, A.M.....	New York City
King, Edward Dimock, A.B.....	New York City
Kissick, John A.....	New York City
Klee, C. Fred.....	New York City
Kojima, Kaname.....	Yokohama, Japan
Kolsby, Jacob.....	New York City
Krumenauer, August.....	New York City
Lang, Walter C.....	St. Albans, Vt.
Langan, Joseph.....	Scranton, Pa.
Luft, Harry Jacob.....	New York City
McKeever, Dan. A.....	McArthur, Ohio
McKeon, Winfield.....	Astoria, L. I.
McLaughlin, George V.....	Brooklyn, N. Y.
Mann, William J.....	New York City
Marsden, Ralph Samont.....	Utica, N. Y.
Marshall, Ralph S.....	Waterloo, N. Y.
Maruyama, Kaichiro.....	Tokio, Japan
Masui, Seishichi.....	Kioto, Japan
Meharg, Albert E.....	New York City
Meixell, Boyd Blair.....	New York City
Merkert, Jr., Frank.....	Brooklyn, N. Y.
Meyers, Frank Albin.....	Clifton, N. J.
Miller, Ernest H.....	Marion, Ohio
Montague, George F.....	Rock City, Ill.
Muldoon, John J.....	Brooklyn, N. Y.

Murphy, Charles A.....	Milburn, N. J.
Murphy, Frank J.....	Brooklyn, N. Y.
Myers, Walter Perry.....	New York City
Newman, Norman.....	New York City
Nolan, Thomas.....	New York City
Nosse, Yukichi	Kyoto, Japan
Ohtsuyama, Jiro	Tokio, Japan
Okada, Sukekatsu	Tokio, Japan
Olrich, Ernest Louis.....	Paterson, N. J.
O'Neill, John O.....	Pine Plains, N. Y.
Pacy, Charles Wm.....	Baltimore, Md.
Pearce, Charles L.....	West Hoboken, N. J.
Phinney, Robert N.....	New York City
Powelson, John, A.B.....	Middletown, N. Y.
Putz, Edward H.....	New York City
Rabinovitch, William.....	New York City
Ri, Enki.....	Formosa, Japan
Rome, Lyford, A.B.....	Brooklyn, N. Y.
Rosenkampff, Arthur H.....	New York City
Ross, Louis.....	New York City
Roth, Jonas.....	New York City
Saft, Max L.....	New York City
Saite, Saichi.....	Tokio, Japan
Scheck, Charles J.....	New York City
Schoenlank, Sidney C.....	Richmond Hill, L. I.
Schulze, John William.....	Newark, N. J.
Sembongi, Masaharu	Tokio, Japan
Settle, Walter W.....	Hoboken, N. J.
Simons, Andrew G.....	Redfield, N. J.
Simpkins, C. Webster.....	Brooklyn, N. Y.
Slater, Dayton O., A.B.....	Hensonville, N. Y.
Smith, E. F.....	Brooklyn, N. Y.
Smith, Jr., Thomas P.....	New York City
Strawn, Arthur H.....	Brooklyn, N. Y.
Sumliner, Samuel M.....	Brooklyn, N. Y.
Symonds, Edmund Harvey.....	New York City
Takemura, Hikosburo.....	Tokio, Japan
Telles, Antonio Q.....	St. Pauls, Brazil
Tsukada, Shinji	Nagano, Japan
Upleger, Arthur C.....	Mt. Clemens, Mich.
Van Loan, Charles.....	New York City
Weisker, Arthur H.....	New York City

Wienbarg, Martin.....	New York City
Winikus, I. Manning.....	New York City
Winter, Robert A.....	New York City
Wolfe, Fred A.....	Brooklyn, N. Y.
Youngholm, Albin	Arlington, N. J.
Zimmerer, Carl P.....	New York City
Total.....	127

First Year Class

Abelson, Harry.....	Brooklyn, N. Y.
Abramowitz, I.....	New York City
Achaval, Angel.....	Buenos Aires, Arg. Republic
Acker, George R. H.....	Ossining, N. Y.
Albin, Charles G.....	Fulton, N. Y.
Alfke, Harry.....	New York City
Arnstein, William M.....	New York City
AtLee, Porter F.....	New York City
Baba, Keijiro.....	Sagagen, Japan
Baerenrodt, W. P.....	Newark, N. J.
Baker, Harry W.....	Brooklyn, N. Y.
Barlow, Arthur F.....	Paterson, N. J.
Barrett, Percy S.....	Brooklyn, N. Y.
Bates, Theodore.....	Jersey City, N. J.
Bell, William S.....	New York City
Benson, Philip A.....	Brooklyn, N. Y.
Berman, Julius H.....	New York City
Bernstein, Herman.....	New York City
Bertram, Edward Adolph.....	New York City
Bertram, William.....	New York City
Beukers, Leon.....	Leyden, Holland
Bieber, Max.....	New York City
Billings, William.....	Danbury, Ct.
Birtwhistle, Thomas C.....	Engelwood, N. J.
Bladel, Eugene S.....	Groom, Texas
Boccolari, Angelo E.....	Buenos Aires, Arg. Republic
Bon Durent, Robert O.....	New York City
Brandes, D. H.....	New York City
Braverman, Harry.....	Perth Amboy, N. J.
Brockman, Joseph I.....	New York City
Broemler, George Max.....	New York City
Bruenner, Herman H.....	New York City
Burke, John J.....	New York City

Burr, William, B.S.	Spring Valley, N. Y.
Byrne, Joseph E.	Brooklyn, N. Y.
Chu, Chae-hsin, M.A.	Canton, China
Clayton, M. A.	Astoria, L. I.
Cohen, Herman	New York City
Cohen, Jacob	New York City
Conover, Bruce K.	New York City
Cook, Edward	S. Orange, N. J.
Cordovez, Loire	Quito, Ecuador, S. A.
Corduan, Malcolm	Brooklyn, N. Y.
Cowles, P. W.	Barton, Vt.
Cox, Clifford B.	New York City
Cuff, Frank Bertram	Brooklyn, N. Y.
Di Carlo, Anthony	Brooklyn, N. Y.
Dillistin, William H.	Paterson, N. J.
Eberhardt, M. G. F.	W. Hoboken, N. J.
Eckert, Herbert	New York City
Eckes, Ernest	New York City
Egashira, Kanzo	Saga, Japan
Elliott, Leslie C.	Mitchell, Ontario
Englander, Jacob M.	Newark, N. J.
Farrell, Lawrence K.	Brooklyn, N. Y.
Fiery, Edgar Irving	New York City
Fleck, Louis LeRoy	Ramey, Penn.
Fleischer, Mark I.	New York City
Forshay, William B.	Port Chester, N. Y.
Frethey, Francis H.	Wellington, New Zealand
Friedman, David	New York City
Frost, Edwin Dewey	Brooklyn, N. Y.
Fujioka, Yukicki	Saijo, Japan
Galarce, Carlos A.	Buenos Aires, Arg. Republic
Gang, William Vernon	New York City
Gewertz, Maurice	Brooklyn, N. Y.
Gingold, Aaron Marx	New York City
Godridge, Primus E.	Brooklyn, N. Y.
Goldberg, Morris W.	New York City
Goldberg, T. M.	New York City
Golieb, David	New York City
Gordon, Paul	New York City
Greenspan, Aaron	Brooklyn, N. Y.
Gross, Louis	New York City
Gruenberg, Frederick P.	New York City

Guernsey, John B.....	Montclair, N. J.
Gumbui, Louis J.....	New York City
Hagiwara, Tastuya.....	Tokio, Japan
Hammond, Henry Walter.....	New York City
Harman, Arthur E.....	New York City
Harper, Samuel Mitchell, Jr.....	New York City
Heck, Charles P.....	Geneva, Switzerland
Heimsoth, Joseph W.....	New York City
Helmer, Harold Tousley.....	Brooklyn, N. Y.
Herrisse, Robert E.....	New York City
Hertel, Harry G.....	Brooklyn, N. Y.
Hessol, Phillip Henry.....	Brooklyn, N. Y.
Heuser, August A.....	Hawthorne, N. Y.
Higgenson, Richard A.....	Brooklyn, N. Y.
Himrod, Harold Howard.....	Waterford, Pa.
Hirshfield, Alexander.....	New York City
Holly, Hartman R.....	Harrisburg, Pa.
Hophan, Anthony.....	New York City
Hutton, Russell J. H.....	New York City
Hottinger, Henry.....	Milltown, N. J.
Ichikawa, Shoichi.....	Nagato, Japan
Ikarashi, Tetsutaro.....	Ojiya Echijo, Japan
Illes, Arpad Enoch.....	New York City
James, W. L.....	Brooklyn, N. Y.
Jevons, Reginald W.....	New York City
Johnson, Charles F. H.....	Passaic, N. J.
Kantrawitz, Herman.....	New York City
Karner, Lenox Stanley.....	Brooklyn, N. Y.
Kass, Joseph B.....	Brooklyn, N. Y.
Keat, Harry Stephens.....	Elizabeth, N. J.
Keefer, Frederick Herbert.....	New York City
Killock, James.....	New York City
Kobilak, William F.....	New York City
Koblentz, Meyer L.....	New York City
Krisch, Gustav.....	Hoboken, N. J.
Kuesel, John H.....	Brooklyn, N. Y.
Lashawer, Henry.....	Rockaway Beach, L. I.
Leder, Julius.....	New York City
Leshner, William M.....	New York City
Leslie, Ellen Grace.....	New York City
Lie, Herman.....	Christiania, Norway
Lindsay, Herbert Lewis.....	New York City

Link, Otto G.....	New York City
Lister, Joseph Allen.....	Paterson, N. J.
Loew, Meyer.....	New York City
Long, Ira D.....	Waterside, Pa.
Loos, Charles W.....	New York City
Lucken, Alfred W.....	Brooklyn, N. Y.
MacArthur, John Joseph.....	New York City
McCadden, Marie E.....	New York City
MacConnell, C. A.....	New York City
McDonald, J. W.....	Temuco, Chile
Maguire, Richard J.....	Brooklyn, N. Y.
Marshall, James A. K.....	Belleville, N. J.
Matsumoto, Koburo	Tokio, Japan
Mellinger, Frank H.....	Springfield, Ohio
Meltsner, Oskar.....	Bronx, N. Y.
Meyer, Joseph H.....	New York City
Meyerson, Hyman.....	New York City
Miller, Benjamin.....	New York City
Miller, Frank D.....	New York City
Mitchell, George P.....	New York City
Mitchell, Wm. A.....	New York City
Morris, James B.....	New York City
Morris, John Peter.....	New York City
Morris, Thomas P., Jr.....	Brooklyn, N. Y.
Mulhoffer, Samuel	New York City
Mullen, Howard E.....	New York City
Ohki, Shinzo.....	Kamakura, Japan
Palmer, Leslie E.....	New York City
Pauvolid, Armand.....	Pinda, Brazil
Pawling, Frank H.....	Jersey City, N. J.
Payne, Owen Street.....	Glen Cove, N. Y.
Pearl, Morris.....	Brooklyn, N. Y.
Perkins, Edward J.....	Elizabeth, N. J.
Peyser, Michael.....	New York City
Philip, Randolph.....	New York City
Phillippi, F. M.....	Colusa, Ill.
Ponemone, Philip R.....	Brooklyn, N. Y.
Posner, Joseph C.....	Rochester, N. Y.
Posner, Maxwell	Rochester, N. Y.
Postma, Julius.....	Morristown, N. J.
Prall, Thomas Edwin.....	Wallington, N. J.
Provo, Frederick J., Jr.....	New York City

Py, George L., Jr.	Brooklyn, N. Y.
Reeve, Frederic E.	Maplewood, N. J.
Reid, Henry Martin	New York City
Richard, P. C.	Cleveland, Ohio
Richards, Porter Jay	W. Orange, N. J.
Ripley, Ralph T.	Springfield, Mass.
Rogoff, Harry	Brooklyn, N. Y.
Rohrbach, John F. D.	New York City
Rosen, Leo	New York City
Rosensweig, Louis	Troy, N. Y.
Ross, John Alvin	New York City
Rothschild, Edward H.	New York City
Russell, Fred Cleveland	New York City
Ryan, John Francis	New York City
Saffer, Frank	Stapleton, N. Y.
Schaefer, George Alton	New York City
Schaumburg, James A.	Brooklyn, N. Y.
Schneider, William	Brooklyn, N. Y.
Schoenberg, Nathan	New York City
Schoenbucher, N. Albert	Stapleton, N. Y.
Schofield, Ernest	Bloomfield, N. J.
Schreiber, William A.	Newark, N. J.
Schwarz, Bertha Helena	New York City
Scott, William Sebert	Lyons, N. Y.
Shapins, Barnet, B.A.	New York City
Shea, John James	Brooklyn, N. Y.
Shiras, George B.	Mt. Vernon, N. Y.
Simonoff, Louis	New York City
Simpson, Charles A., Ph.B.	New York City
Sinnott, George H.	Newark, N. J.
Snehsdorf, Adolph, Jr.	Woodhaven, N. Y.
Solomon, Samuel B.	Brooklyn, N. Y.
Starr, George R.	Palisade Park, N. J.
Sullivan, Thomas M.	New York City
Sunden, Carl	New York City
Syer, Sidney James	London, England
Szollosy, Cornell E.	New York City
Thorner, Abram	New York City
Tibbetts, Frank Andrew	Salem, Mass.
Tilford, George R.	Leonina, N. J.
Timberlake, Thomas F.	Brooklyn, N. Y.
Tinner, John	New York City

Trainor, John F.....	Minneapolis, Minn.
Trent, Harold W.....	New York City
Tunison, Wesley Van E.....	Passaic, N. J.
Tuercke, Werner	New York City
Turcke, William B.....	New York City
Van Mater, John.....	New York City
Vesely, John H.....	New York City
Wade, E. B.....	Bristol, Va.
Wahlberg, Gustaf D.....	New York City
Waite, Fred Lewis.....	Springfield, Mass.
Waldron, John A.....	Utica, N. Y.
Watson, George E.....	New York City
Wechsler, Henry M.....	New York City
Weingart, Nathan, A.B.....	New York City
Weinstein, Charles.....	New York City
Wellbrook, Frederick C.....	Brooklyn, N. Y.
Wentink, Jr., Adrian.....	Paterson, N. J.
Werner, Louis H.....	New York City
White, Albert Leming.....	Bordentown, N. J.
Wielage, Gustave, F.....	New York City
Wilkins, Harvey.....	New York City
*Wright, Arthur E.....	Kansas City, Mo.
Wolfe, Lucius.....	New York City
Woodward, Joseph Hooker, Ph.B.....	New York City
Wyskoff, Benjamin F.....	New York City
Zimmer, George	Jamaica, L. I.
Zinck, Warren W.....	Jersey Shore, Pa.
Total.....	228

First Year Special Students

Baker, Milton.....	Bronx, N. Y.
Boulger, Sylvester S.....	Sault Ste. Marie, Mich.
Englander, Jacob.....	Newark, N. J.
Fox, James E.....	New York City
Goldson, George.....	New York City
Hassey, Michael W.....	Brooklyn, N. Y.
Heubel, Max A.....	New York City
Higashi, Sekigaro	Kobe, Japan
Hill, Edwin A.....	New York City

* Deceased.

Jacobson, Samuel J.....	Brooklyn, N. Y.
Lynch, George F.....	Newark, N. J.
McAvoy, Daniel E.....	New York City
Miller, Albert W.....	New York City
Muller, Adam C.....	Brooklyn, N. Y.
Ober, Arthur.....	New York City
Ohrt, John B.....	New York City
O'Connor, Louis.....	Bronx, N. Y.
Phillips, R. O., Jr.....	Yonkers, N. Y.
Reade, H. T.....	Toronto, Canada
Rice, Henry Clay.....	New York City
Rosen, Morris.....	New York City
Stoddard, L. C.....	New York City
Smilewitz, I.....	Brooklyn, N. Y.
Taber, Stephen L., B.S.....	Longmeadow, Mass.
Taylor, Alfred K., A.B.....	Gambier, Ohio
Towey, Fred E.....	Paterson, N. J.
Warner, Fred E.....	Pelham, N. Y.
White, George A.....	New York City
Total.....	28

Unclassified Students

Aaronson, Benjamin	Elizabeth, N. J.
*Adler, Emil.....	New York City
Adler, Morris.....	Brooklyn, N. Y.
Adolph, Charles L.....	Newark, N. J.
Agress, Leo.....	Brooklyn, N. Y.
Albin, Charles G.....	Fulton, N. Y.
Altenburg, Otto.....	New York City
Amram, Adolph.....	New York City
Anderson, Alfred Leslie.....	Closter, N. J.
Anderson, Willis.....	Dobbs Ferry, N. Y.
Andrews, Benjamin, A.B.....	New York City
Andrews, Elliott R., A.B.....	New York City
Armstrong, John W.....	New York City
Armstrong, William H., Jr.....	New York City
Arnold, Joseph A.....	New York City
Arnold, Robert M.....	New York City
Atkinson, Alfred B.....	New York City
Avent, Joseph.....	New York City
Baerenrodt, Eugene F.....	Brooklyn, N. Y.

Bailey, Edmund S., Jr.	New York City
Bailey, Edward A., B.S.	Brooklyn, N. Y.
Bainbridge, Thomas A.	New York City
Balestrero, G. C.	New York City
Ball, Howard L.	E. Orange, N. J.
Ballhausen, F. A.	Weehawken Hts., N. J.
Barclay, James G.	Brooklyn, N. Y.
Bassett, Frank R.	New York City
Battin, Luther G.	New York City
Battin, Richard, Jr.	New York City
Beckwith, Nathan, A.B.	New York City
Behrman, Hiram J.	New York City
Bennett, Joseph S.	Elizabeth, N. J.
Bergen, John.	Brooklyn, N. Y.
Berlincke, Harry R., LL.B.	New York City
Bernardik, Alexander.	New York City
Betz, William O.	New York City
Beyer, E., A.B.	Brooklyn, N. Y.
Biddle, Arney Graham.	Jersey City, N. J.
Biddle, Wm. Canby, Jr., B.S.	Philadelphia, Pa.
Biers, Frederic A.	New York City
Bitner, Edgar F.	New York City
Blake, Walter	Elizabeth, N. J.
Blum, Edwin R.	New York City
Bogardus, John Arthur.	Dunellen, N. J.
Bolton, Edward D.	New York City
Booth, Lewis Edwin.	New York City
Botzen, Frank B. N.	Brooklyn, N. Y.
Borger, Henry C.	New York City
Boucher, Percy H.	Jersey City, N. J.
Bonn, Victor Sinclair.	Freeport, L. I.
Boylan, John M.	Brooklyn, N. Y.
Boysen, William John.	New York City
Brady, Edward.	New York City
Brady, Thomas W.	New York City
Brayton, Frank L.	New York City
Bryson, Geo. A.	New York City
¹ Bunting, Frederic H.	New York City
Burke, Thomas P.	New York City
Buss, Frederick Herman O.	New York City
Butterworth, Clark.	New Brunswick, N. J.
Cahill, Florence.	New York City

Cahoone, Edwin R.....	Newark, N. J.
Calder, Eugene B.....	New York City
Camp, Victor N.....	Brooklyn, N. Y.
Carpenter, Arthur E.....	New York City
Carr, Beatrice E.....	New York City
Carston, Richard	Portchester, N. Y.
Casey, Daniel, Jr.....	New York City
Cassin, Albert S.....	Brooklyn, N. Y.
Cawthra, Arthur Holmes.....	New York City
Cerf, Miriam.....	New York City
Chard, Standish.....	Lakewood, N. J.
Charles, Clara A.....	New York City
Chase, Charles D.....	New York City
Chavent, Anthony P.....	Weehawken, N. J.
Chirchik, Rose.....	New York City
Coffman, Clifford B.....	Newark, N. J.
Cohen, Herman J.....	Brooklyn, N. Y.
Collins, Elizabeth C.....	New York City
Connellan, Thomas J.....	New York City
Cornell, Floyd H.....	Brooklyn, N. Y.
Cornell, John Henry.....	Bronx, N. Y.
Craver, Edwin H.....	Paterson, N. J.
Cremer, George S.....	Brooklyn, N. Y.
Crooke, William.....	Paterson, N. J.
Crosson, Lillian Walton.....	New York City
¹ Crowley, Daniel F.....	Bronx, N. Y.
¹ Culodeny, Isidor, A.M.....	Bensonhurst, L. I.
Culver, Ora T.....	Englewood, N. J.
Curley, Miss Nellie J.....	New York City
Czerweny, Alfred.....	New York City
Dana, George Beers.....	New York City
Daun, August Carl.....	Bronx, N. Y.
Decker, James F., Jr.....	New York City
Demorest, Sidney Del Mar.....	Hackensack, N. J.
Dern, Alfred L.....	New York City
Dickinson, Philip L.....	Jersey City, N. J.
Dornbusch, Rudolph C.....	New York City
Dowell, John C., Jr.....	Paterson, N. J.
Doyle, Clarence H.....	Yonkers, N. Y.
¹ Doyle, William T.....	New York City
Dunk, Jules.....	New York City
Dunne, John Joseph.....	New York City

Dunne, Thomas F.....	New York City
Earl, Ralph Waldo.....	New York City
Eckardt, Emil	New York City
Eckhoff, Herman J.....	New York City
Egelhofer, William F.....	Brooklyn, N. Y.
Ehemann, William H.....	Jersey City, N. J.
Eldodt, Jesse J.....	New York City
Elias, Henry Hart, A.B.....	New York City
¹ English, John	Troy, N. Y.
Evans, W. R.....	Newark, N. J.
Farrelly, James Tully.....	New York City
Feldhusen, Frank, Jr.....	New York City
Ferus, Robert N.....	Mt. Vernon, N. Y.
Ferris, Mason F.....	Chatham, N. J.
¹ Ferry, Miss N. M.....	New York City
Ficke, William R.....	New York City
Fike, Arthur C.....	New York City
Fitzpatrick, Wm. E.....	New York City
Forrest, Robert.....	New York City
Freedman, Benjamin H.....	New York City
Freeman, Miss Mary L., B.S.....	New York City
French, Edwin C.....	New York City
Friend, Herman S.....	New York City
Fromm, Henry.....	New York City
Furguson, Wm. A., A.B., LL.B.....	New York City
Gamoh, Yassato.....	Yamaguchi, Japan
Gannon, Thomas Albert.....	New York City
German, Wilbur F.....	Westerleigh, S. I.
Gettenberg, Jacob.....	New York City
Gibson, Albert R.....	Hackensack, N. J.
Gill, Clarence M.....	New York City
Gilmore, Walter B.....	New York City
Gladding, Malvin A., Jr.....	Brooklyn, N. Y.
Goas, Harry J.....	Newark, N. J.
Goddard, Fred L.....	Brooklyn, N. Y.
Gold, Paul.....	New York City
Gordon, John.....	New York City
Gordon, Stephen Henry.....	E. Orange, N. J.
Gottschall, Louis, A.M., B.S.....	Bronx, N. Y.
Grear, Charles K., B.S., C.E.....	New York City
Green, Morris Miller, M.E.....	New York City

Greenway, W. R., Jr.	Paterson, N. J.
Griffin, John T.	Brooklyn, N. Y.
Grubstein, Charles	Newark, N. J.
Gunther, Max	Brooklyn, N. Y.
Gwynne, Richard H.	E. Orange, N. J.
Haack, William	New York City
Haecker, Henry J.	New York City
Hagenmager, Herman	New York City
Hall, Harry A.	New York City
Hall, Walter Merrill	New York City
Halsey, Samuel Armstrong	Newark, N. J.
Hansen, John Viggo	New York City
Harding, Louis	New York City
Harper, John E.	New York City
Hart, George W.	Passaic, N. J.
Hartford, H. R. P.	New York City
Hartley, Richard	Brooklyn, N. Y.
Hartman, Earl S.	New York City
Harvey, Edwin, Jr.	Brooklyn, N. Y.
Harvey, Thomas Edward	New York City
Hasen, Walter R.	W. Hoboken, N. J.
Haydock, J. M.	Port Richmond, S. I.
Hayward, William R., B.S.	Passaic, N. J.
Head, George R. N., A.B.	New York City
Heckmann, Nicholas A.	New York City
Heffer, J. Clayton	New York City
Hemenway, Leslie N.	New York City
Herrmann, Benjamin Edward	Plainfield, N. J.
Hess, Frank B.	Brooklyn, N. Y.
Hill, George Anderson	Jersey City, N. J.
Hill, William Dawson	Bayonne, N. J.
Hintze, Harry	New York City
Hirschmann, William	Bronx, N. Y.
Hoffman, Sidney Lewis	New York City
Hopkins, William C.	W. Orange, N. J.
Hosch, Frank J.	New York City
Hotchner, Henry	New York City
Howard, Charles Alton	New York City
Hughes, John J.	Newark, N. J.
Hutton, Wallace Charles	New York City
Hyman, Isaac	Englewood, N. J.
Ikeda, Katsugoro	Tokio, Japan

Irwin, Harry Edward.....	E. Orange, N. J.
Ives, Henry W.....	Brooklyn, N. Y.
Jackson, N. Theodore.....	New York City
Jarboe, Charles Walter.....	Brooklyn, N. Y.
Jensen, Niels.....	E. Rutherford, N. J.
Johnson, Mary Elizabeth.....	Englewood, N. J.
Johnson, Oscar.....	Brooklyn, N. Y.
Jones, Lewis Austin.....	New York City
Jones, Robert Stevenson.....	Passaic, N. J.
Jordan, Otto.....	New York City
Jordon, John.....	New York City
Jung, Ferdinand.....	New York City
Kane, Edward J.....	Jersey City, N. J.
Kano, Seijiro	Tokio, Japan
Kaplan, Miss J. S.....	Brooklyn, N. Y.
Kattenhorn, Charles H.....	W. Hoboken, N. J.
Katz, Ernest.....	New York City
Keil, Charles E.....	Bronx, N. Y.
Keil, William.....	Brooklyn, N. Y.
Kellegrew, Edward Wells.....	New York City
Kerr, James.....	Brooklyn, N. Y.
King, Charles F.....	New York City
Klapper, Paul, B.A.....	New York City
Klatskin, Archibald	New York City
Klauber, Arthur.....	New York City
Klee, Walter Raymond.....	New York City
Koch, Joseph J.....	Newark, N. J.
Koenig, Nathaniel E.....	Brooklyn, N. Y.
Kolm, Herman.....	New York City
Kraemer, Gustav.....	New York City
Krebs, S. L.....	Swarthmore, Pa.
Kuhn, Otto Eugene.....	Garfield, N. J.
Kunreuther, Henry.....	Brooklyn, N. Y.
Kutzelmann, Krank.....	New York City
Kynes, Torrens J. W.....	Ridgewood, N. J.
Leiser, J. H.....	New York City
Lent, Charles F., Ph.B.....	New York City
Levin, Harry.....	Brooklyn, N. Y.
Lewis, C. Cuyler.....	Yonkers, N. Y.
Liberman, Max.....	New York City
Lighthipe, John H.....	New York City
Loehr, Joseph F.....	Yonkers, N. Y.

Lord, John Bright.....	Brooklyn, N. Y.
Lown, Howard A.....	New York City
Lurch, David E.....	New York City
Lurie, William.....	New York City
Lydecker, A. A.....	Nyack, N. Y.
Macaulay, John, Jr.....	Newark, N. J.
McCarthy, Henry H.....	New York City
McCarthy, May Adelaide.....	Brooklyn, N. Y.
McCubbin, James M. B.....	New York City
McDonnell, James F.....	New York City
McGrath, John.....	Brooklyn, N. Y.
McGuire, George F.....	Brooklyn, N. Y.
McKenna, William W. J.....	New York City
McKeon, Thomas J.....	New York City
McLeon, Arthur A.....	Newburgh, N. Y.
McNabb, John Edward.....	New York City
McWilliam, John Raymond.....	Yonkers, N. Y.
Madden, Stephen J.....	Brooklyn, N. Y.
Magee, James E., B.L., M.A.....	Bloomfield, N. J.
Mahoney, Daniel F.....	New York City
Maltbie, J. Robert.....	New York City
Mathieson, William F.....	New York City
Maxim, Alton True.....	Brooklyn, N. Y.
Meehan, William.....	Richmond Hill, L. I.
Meisel, Charles.....	New York City
Melson, Charles Carlton.....	New Rochelle, N. Y.
Mentz, John Joseph.....	Newark, N. J.
Meves, Everett Russell.....	New York City
Meyers, Andrew George.....	Hoboken, N. J.
Miller, Charles August.....	Jersey City, N. J.
Miller, Frederick.....	New York City
Miller, Henry Chester.....	New York City
Miller, H. J. C.....	New York City
Miller, Otto M.....	New York City
Miller, Wm. Jesse.....	Osage City, Kansas
Monroe, John Graham.....	Jersey City, N. J.
Montane, Peter J.....	Brooklyn, N. Y.
Montgomery, Clarence H.....	Brooklyn, N. Y.
Montmeat, Frank E.....	Paterson, N. J.
Moody, Charles M.....	New York City
Moody, Edward Erle.....	Jersey City, N. J.
Morimoto, Risaburo.....	New York City

Morris, William G.....	New York City
Morrow, William B.....	Paterson, N. J.
Moses, Walter J.....	New York City
Mott, Earl C.....	New York City
Moyer, Fayette E., Ph.B.....	New York City
Munroe, Marshall E.....	Brooklyn, N. Y.
Murphy, Joseph F.....	Newark, N. J.
Murray, John T.....	Brooklyn, N. Y.
Nagai, Shukichi.....	New York City
Needleman, Louis J.....	New York City
Nevins, J. Howard.....	Somerville, N. J.
Newman, Charles.....	New York City
Newman, Henry.....	New York City
Newman, Jas J.....	Brooklyn, N. Y.
Norton, James J.....	New York City
O'Donnell, Joseph Francis.....	Jersey City, N. J.
Osborne, John Leal.....	Newark, N. J.
Page, William A.....	New York City
Parker, George Waller.....	New York City
Parker, Ralph H.....	New York City
Parsons, Frederic.....	Brooklyn, N. Y.
Pausner, Charles.....	Newark, N. J.
Payne, Alfred William.....	New York City
Peck, Ralph Hunter.....	E. Orange, N. J.
Peloso, Leonard.....	New York City
Philip, Randolph.....	New York City
Pierce, Charles.....	New Brunswick, N. J.
Piper, Ralph R.....	New York City
Pitcher, Charles R.....	New York City
Pitcher, Wm. R., Jr.....	New York City
Playter, George H.....	New York City
Raber, Martin.....	Brooklyn, N. Y.
Radus, Miss Rose B.....	Brooklyn, N. Y.
Rafuse, Edith Jane.....	Nova Scotia
Ramsey, Wm. W.....	New York City
Randolph, George G.....	New York City
Reed, Edward Allen.....	Montclair, N. J.
Rees, Gustav, Jr.....	New York City
Rehbin, Arthur F. H.....	Brooklyn, N. Y.
Reid, William Joseph.....	Jersey City, N. J.
Richardson, Rudolf S.....	Newark, N. J.
Richter, Lucy.....	New York City

Rieder, Raymond F.	New York City
Rion, Joseph H.	Brooklyn, N. Y.
Robertson, Alfred Taylor	Montclair, N. J.
Rogers, Benjamin F.	Brooklyn, N. Y.
Rose, Arthur W.	Newark, N. J.
Rosenzweig, Samuel	Rochester, N. Y.
Ross, Hamilton M.	Passaic, N. J.
Ruettgers, Paul	Newark, N. J.
Russel, D. Lyle	New York City
Ryder, Wilbert J.	New York City
Sashida, Tomitaro	Kioto, Japan
Schiff, Simon	New York City
Schley, Herbert C.	Richmond Hill, L. I.
Schley, Henry S.	New York City
Schloss, Herbert W.	New York City
Schneider, Martin	New York City
Scholle, Howard A., A.B.	New York City
Scholler, Wm. David	New York City
Schroder, George H.	Orange, N. J.
Schumacher, Harry W.	New York City
Schwanne, Henry	New York City
Schweighofer, Rudolf	New York City
Scott, Andrew	Pt. Richmond, S. I.
Seyfang, Herbert Harrison	Bradford, Pa.
Sexton, John T.	New York City
Shapiro, Mary Z.	New York City
Shoemaker, Thomas Blair	New York City
Sihler, Henry	New York City
Silverstein, Franklyn M.	New York City
Simonson, Howard Montross	Brooklyn, N. Y.
Simpson, Oscar Emmett	W. New Brighton, S. I.
Sinclair, John Buchanan	Brooklyn, N. Y.
Singsen, Frederick Martin	New York City
Sittler, George F.	New York City
Skinner, Emma M.	New York City
Slater, Henry Burson	Elmhurst, N. Y.
Slocum, Charles L.	Plainfield, N. J.
Smith, Lawrence J.	New Rochelle, N. Y.
Smith, Walter E.	Montclair, N. J.
Snowden, Arthur	Yonkers, N. Y.
Solomon, Harry A.	New York City
Steier, Frank J.	New York City

Steinhardt, Samuel C.....	New York City
Stevens, Chester H.....	Seymour, Ct.
Stevens, Jean Morison.....	New York City
Stewart, Isaac R.....	New York City
Stillman, Ernest G., A.B.....	New York City
Stringham, Emerson.....	New York City
Stukhart, Frederick F.....	New York City
Sullivan, Ralph Elliott.....	Brooklyn, N. Y.
Sulzer, John R.....	New York City
Susling, Gustave A.....	New York City
Sutton, William H.....	Red Bank, N. J.
Swensen, Sigmund Adolph.....	Brooklyn, N. Y.
Sykes, Walter Arnold.....	Passaic, N. J.
Taylor, George Stetson, A.B.....	New York City
Telleen, S. Fred, B.A.....	Bronx, N. Y.
Thackeray, Elwood C.....	New York City
Thieman, Charles D.....	Bronx, N. Y.
Thiel, Paul L.....	Brooklyn, N. Y.
Thorpe, George Cyrus.....	New York City
Tipping, Robert S.....	Englewood, N. J.
Tollner, Carl Edwards.....	New York City
Toelle, Mrs. Harriet Carrie.....	New York City
Topper, William, B.A.....	New York City
Trace, Blakeney C.....	Maspeth, L. I.
Travers, James Paul.....	New York City
Tullis, William Ramsay.....	Astoria, L. I.
Upson, Clarence.....	New York City
Van Nostrand, Willard.....	New Brunswick, N. J.
Van Riper, Edwin.....	New York City
Von Alt, Albert.....	New York City
Walker, C. Herbert.....	Newark, N. J.
Walling, Arthur M.....	Haslet, N. J.
Wandmacher, F. C.....	Brooklyn, N. Y.
Ward, Alexander.....	Newark, N. J.
Ward, Harold L.....	New York City
Waters, Paul A.....	Newark, N. J.
Watkins, Charles M.....	New York City
Wehncke, Martin H.....	Jersey City, N. J.
Weissbuch, Samuel D.....	New York City
Wells, Arthur K.....	Yonkers, N. Y.
Wells, Ernest J.....	New York City
Wenderoth, John, Jr.....	New York City

Wheeler, C. Osborn, A.B.....	Newark, N. J.
Whielan, John F.....	Elmhurst, L. I.
Wibom, Arthur Theodore.....	New York City
Wiener, Benjamin.....	Long Island City
Wilder, Milo W., Jr.....	Newark, N. J.
Williams, Edward M.....	New York City
Williams, John Forest.....	New York City
Williams, Lloyd P.....	New York City
Wilson, Armstead G.....	Brooklyn, N. Y.
Wiltse, James Lawrence.....	Jamaica, N. Y.
Wolverton, Lambert S.....	Newark, N. J.
Woodbury, Daniel T.....	Springdale, Ct.
Woods, William James.....	Elizabeth, N. J.
Wright, Alfred Stanley.....	Orange, N. J.
Wynkoop, John Barnard.....	New Haven, Ct.
Yoeke, Arthur.....	New York City
Young, Clarence Hasey.....	New York City
Youngman, Oscar F.....	Brooklyn, N. Y.
Zur Nieden, Albrecht.....	New York City
Total.....	417

General Summary

GRADUATES	6
SENIORS	74
JUNIORS	127
FIRST YEAR CLASS.....	229
FIRST YEAR SPECIALS.....	28
UNCLASSIFIED	418
TOTAL.....	882

Summary by States and Foreign Countries

New York City.....	622
Other Points in New York State.....	37
Connecticut	6
Illinois	5
Kansas	1
Louisiana	1
Maryland	1
Massachusetts	5
Michigan	3
Minnesota	1
Mississippi	1
Missouri	2
New Hampshire.....	1
New Jersey	139
Ohio	5
Pennsylvania	10
Texas	1
Vermont	2
Argentine Republic.....	3
Brazil	1
Canada	2
China	1
Ecuador	1
Germany	1
Japan	27
Norway	1
Venezuela	1

Washington Square Collegiate Division

Roll of Students, 1908-1909

Augusta Aaron.....	696	Madison Ave., New York City
Ida V. Acklerle.....	1008	Lind Ave., Highbridge, New York City
Cecilia Aleinikoff.....	52	E. 121st St., New York City
Arthur DeForest Allen.....		Port Washington, N. Y.
Ina Caroline Archer.....	179	Seventy-second St., Brooklyn, N. Y.
Lola M. Au.....	357	E. 235th St., New York City
Earle Glenn Baker.....		Farmingdale, L. I.
Eligio G. Barberis.....	53	Lenox Ave., New York City
Valeda M. Bartlett.....		Rockaway, N. J.
Katherine Bauer, B.S.....	172	W. 10th St., New York City
Laura Corrinne Beaman....	387	Lincoln Ave., Richmond Hill, N. Y.
Stanley E. Benham.....	271	King St., Port Chester, N. Y.
Cornelia Stryker Bennett.....	2086	Ocean Ave., Brooklyn, N. Y.
Juliet Beppler.....	183	Second Ave., New York City
Jennie L. Biddle.....	624	Montgomery St., Jersey City, N. J.
Luther B. Bissell.....	1227	Bloomfield St., Hoboken, N. J.
*Marie T. Bollenhagen.....	129	Prospect Pl., Brooklyn, N. Y.
Jeanette Bookman.....	144	W. 77th St., New York City
Cora E. Bowen.....	80	Willoughby St., Brooklyn, N. Y.
Ella Brainin, A.B.....	1851	Madison Ave., New York City
Robert Peacock Brooks.....		Wayne, N. J.
Harold E. Brown, LL.M.....		Freeport, N. Y.
Amelia M. Buchenberger.....	446	Greene Ave., Brooklyn, N. Y.
Gertrude R. Buckley.....	173	N. 7th St., Brooklyn, N. Y.
John P. Cahill.....	128	Grove St., Jamaica, N. Y.
Irene G. Callahan.....	176	N. 6th St., Brooklyn, N. Y.
Christine G. Callahan.....	670	Greene Ave., Brooklyn, N. Y.
J. Raymond Cambern.....		Sayville, L. I.
Joseph Edwin Carlin.....		East Elmhurst, Corona, L. I.
Effie Miller Carnwright.....	398	Clinton Ave., Newark, N. J.
Leslie Keron Chance.....	202	Bloomfield Ave., Passaic, N. J.
Benjamin B. Chappell.....	2	Second Ave., New Brighton, N. Y.
Aaron M. Clark.....	252	S. 4th St., Brooklyn, N. Y.
Jacob Earl Clark, Pd.M.....		Roslyn, N. Y.
Florence Phoebe Clayton.....	45	West St., Newark, N. J.
Thomas Colby.....		Oyster Bay, N. Y.
Julia Elizabeth Conway.....		Pommer Ave., Tompkinsville, N. Y.
John J. Conway, LL.B.....	591	E. 137th St., New York City
Nelly A. M. Cook.....		Garwood, N. J.

- Gertrude H. Corbett.....84 E. Park St., Newark, N. J.
 James Archibald Corlies.....29 E. Park St., Newark, N. J.
 Evie Corney, B.S.....30 Wilson Ave., Flushing, N. Y.
 M. Jane Corney.....Ridgefield Park, N. J.
 E. Everett Cortright.....Cornwall-on-Hudson, N. Y.
 Clarence E. Cowles.....421 Hart Street, Brooklyn, N. Y.
 *H. Arthur Crabb.....1430 Overing St., Westchester, N. Y.
 *Irene M. Cullen.....51 Hart St., Brooklyn, N. Y.
 Michael J. Cullen.....Lake Mahopac, N. Y.
 James Adam Cunningham.....E. Williston, L. I.
 Edward T. Curran, LL.M., M.D.164 Montague St., Brooklyn, N. Y.
 William P. Curtis.....Wharton, N. J.
 Katherine Elsie Day, A.B.....62 Perry St., New York City
 Mary R. Gale Davis, Pd.M....The Brunswick, Washington, D. C.
 William P. Davis.....431 Sterling Pl., Brooklyn, N. Y.
 George Edward Delany.....242 Garside St., Newark, N. J.
 Mabel Denton, A.B.....35 Williamson Ave., Bloomfield, N. J.
 Georgia Amelia DeWitt.....32 Astor St., Newark, N. J.
 *Florence Dickinson, A.B.....196 E. 205th St., New York City
 *Kate Letitia Dickinson.....196 E. 205th St., New York City
 Bertha K. Dietrich.....Valley Stream, N. Y.
 Charles R. Dixon.....Closter, N. Y.
 Jennie Irene Dougherty.....126 Avenue C, Bayonne, N. J.
 Edgar F. Down.....52 Stewart Ave., Arlington, N. J.
 David M. Dry.....Mountain View, N. Y.
 Henry Sage Dunning, D.D.S.....110 E. 18th St., New York City
 Sarah Edmond.....Cranford, N. J.
 Adaline Eldredge.....3 Arlington Pl., Brooklyn, N. Y.
 Ralph Waldo Eldredge, A.B.....142 Macon St., Brooklyn, N. Y.
 Elizabeth I. Ellsworth.....395 Welling St., Richmond Hill, N. Y.
 Otilie Finkensieper.....346 Vernon Ave., Brooklyn, N. Y.
 Arthur Byer Firman.....Port Jefferson, N. Y.
 *Katharine M. Fogarty.....8 Leavitt Ave., Flushing, N. Y.
 Addie L. D. Franklin (Mrs.).....Garfield, N. J.
 *John Clarence Franklin, Ph.B., M.A.....Garfield, N. J.
 Vernon L. Frazee.....Northvale, N. J.
 *Catherine D. Frey.....76 W. 85th St., New York City
 *Lilah DeG. Frey.....76 W. 85th St., New York City
 Rachel Friedland.....Willomere, Bath Beach, N. Y.
 Louisa F. Friedrich, A.B...2400 Bathgate Ave., New York City
 *Minnie E. Frost.....108 Madison Ave., Flushing, N. Y.
 Ellen M. Gallagher.....332 W. 56th St., New York City

- Edward W. Garrison.....256 Seventh St., Paterson, N. J.
 Levi T. Garrison.....24 Fairview Ave., Paterson, N. J.
 Mary Catherine Gaston.....32 Astor Pl., Newark, N. J.
 *Ethel Fern Gerard, A.B.....1038 Lorimer St., Brooklyn, N. Y.
 Norman C. Gile.....Mattewan, N. Y.
 Frank P. Gleason.....31 Fulton St., Newark, N. J.
 Thomas J. Gleason.....17 Fulton St., Newark, N. J.
 Simon L. Goldbloom.....453 Decatur St., Brooklyn, N. Y.
 William Goodale.....32 Commerce St., Rahway, N. J.
 Mashen Gordon.....753 Jennings St., New York City
 Harriette Gorton.....The Sallye, Suburban Pl., New York City
 *Frederick B. Graham.....17 W. 108th St., New York City
 Leonard H. Green.....17 Thirty-fourth St., Weehawken, N. J.
 Walter J. Greene.....4838 Beaufort St., Richmond Hill, N. Y.
 *Anne Griffin.....582 McDonough St., Brooklyn, N. Y.
 Adolph Joseph Grubman, LL.B.1573 Charlotte St., New York City
 Valeriano Gutierrez.....605 W. 114th St., New York City
 Mary L. Haggerty.....322 W. 145th St., New York City
 William Halloran.402 Richmond Terrace, New Brighton, N. Y.
 D. Stanton Hammond.....Ridgewood, N. J.
 Helen M. Hamilton, A.B.....293 W. 147th St., New York City
 Mary Schuyler Hamilton, Pd.M.....Elmsford, N. Y.
 Morgan Hand, Jr.....18 College Ave., New Brunswick, N. J.
 Frances Lee Hanley, A.B.....141 W. 90th St., New York City
 W. S. Hannon.....1746 Topping Ave., New York City
 May Belle Harper.....15 Frederick St., Naugatuck, Conn.
 William Strickland Harper....15 Frederick St., Naugatuck, Conn.
 Theresa J. Harris, B.S., Pd.D....53 E. 128th St., New York City
 Minnie M. Harrison.....110 Miln St., Cranford, N. J.
 Edna Haver.....Lynbrook, L. I.
 William R. Hayward.....56 Franklin Ave., Passaic, N. J.
 Mary Baswell Heard.....14 Brewster St., Tompkinsville, N. Y.
 Emma Heipman, A.B.....446 W. 50th St., New York City
 Michael Richard Hennessey.1394 Prospect Ave., New York City
 Barbara V. Hermann.....Chrome, N. J.
 Clara Herzberg.....785 Lexington Ave., New York City
 George Edward Hewitt.....1025 Boston Rd., New York City
 Reuben C. Hilliard.....Fort Lee, N. J.
 Jessie L. Hollohan.....1054 Stebbins Ave., New York City
 Mary Louise Holm.....85 Hewes St., Brooklyn, N. Y.
 Frederick Carleton Hooker....74 Farrington St., Flushing, N. Y.
 Edwin Morrell Hopkins....33 Stevens St., Long Island City, N. Y.

- Jane M. Horn.....81 Pennsylvania Ave., Newark, N. J.
 Mary Aitken Horn.....48 Beach St., Richmond Hill, N. Y.
 Robert G. Horn.....Cedarhurst, N. Y.
 Clarence Joseph Howell.....Butler, N. J.
 David Alanson Howell.....Linden, N. J.
 John Herbert Hoyt...414 Richmond Terrace, New Brighton, N. Y.
 Emma A. Huebl.....Baxter Ave., Elmhurst, N. Y.
 Henry Sylvester Hulse, Jr..62 Kearney Ave., Perth Amboy, N. J.
 Sarah E. Hutton, A.B.....250 W. 20th St., New York City
 Frank G. Ingalls.....West New Brighton, N. Y.
 Somers G. Ingersoll.....180 Jefferson St., Paterson, N. J.
 *Anna Gertrude Jacob.....3 John St., Jamaica, N. Y.
 L. E. Jay.....Engelwood, N. J.
 Emma Jollie.....219 W. 135th St., New York City
 Louis Jonas.....80 St. Nicholas Ave., New York City
 Alfred A. Jones.....332 Rich Ave., Mount Vernon, N. Y.
 *Rachel Whiting Jones.....49 North Ave., Elizabeth, N. J.
 Charles H. Jordon.....227 W. 11th St., New York City
 Howard Jay Jump.....Willard Ave., West New Brighton, N. Y.
 Joseph M. Kaine.....Pommer Ave., Tompkinsville, N. Y.
 Isadore Kallet, LL.M.....1663 Madison Ave., New York City
 Teresa G. Keenan, A.B.....299 Barrow St., Jersey City, N. J.
 Jennie Clara Keene, Pd.M.....629 Leonard St., Brooklyn, N. Y.
 Anna M. Keidel.....Hemetta, N. J.
 Patrick J. Kennedy.....603 Hancock St., Brooklyn, N. Y.
 John M. Kerwin.....Hasbrouck Heights, N. J.
 Sarah E. Ketcham.....62 Henry St., Hempstead, N. Y.
 *Helen Dawson Kiernan, A.B.....336 E. 87th St., New York City
 *Irene A. Kilgalon, A.B.....586 E. 163d St., New York City
 Stanley S. Kilkenny.....275 Franklin St., Bloomfield, N. J.
 William W. Kimball.....603 Hancock St., Brooklyn, N. Y.
 Fred DeLancy King, Pd.M.....Lawrence, N. Y.
 Manuela H. King.....427 W. 154th St., New York City
 Patrick F. King.....23 Beach St., Stapleton, N. Y.
 Julius Stanton Kingsley.....Northport, L. I.
 Frank Jay Klein.....133 Bowers St., Jersey City, N. J.
 *Clara Kleiser.....9 Montgomery St., New York City
 Mary E. Kniffin.....29 Oceanus Ave., Rockaway Beach, N. Y.
 Katharine C. Knobbe.....511 Bedford Ave., Brooklyn, N. Y.
 *Margaret Ethel Lacey.....782 President St., Brooklyn, N. Y.
 Thyra C. La Fon.3320 Ft. Independence St., Kingsbridge,
 New York City

- Helen Theresa Newman, B.S....538 W. 150th St., New York City
 *Lucille Hermandes Nicol.....48 Gates Ave., Brooklyn, N. Y.
 Mary Howe Nolen.....349 W. 123d St., New York City
 Helen E. Normandeau.....308 Lincoln St., Flushing, N. Y.
 George H. Nulty.....105 Taylor St., West New Brighton, N. J.
 Chester F. Ogden.....166 Fair St., Paterson, N. J.
 *Edwin O'Neil.....761 Putnam Ave., Brooklyn, N. Y.
 Louie B. Onslow.....130 E. 16th St., New York City
 Charles Elmore Overholser, A.M.25 Jefferson Ave., Brooklyn, N. Y.
 *Charlotte Browning Page.....Tottenville, S. I.
 Teresa C. Pages.....8159 Bay 16th St., Bath Beach, N. Y.
 Rebecca Palmland.....1376 Pacific St., Brooklyn, N. Y.
 Carlton John Patton.....466 Elm St., Richmond Hill, N. Y.
 Marie A. Peiffer.....29 Gould Ave., Newark, N. J.
 Eunice Amanda Perine.....2 Delaware Ave., Albany, N. Y.
 George B. Petty.....Hempstead, L. I.
 Harold H. Phillips.....Norwood, N. J.
 Eliakim Reed Pierce.....92 Madison Ave., Flushing, N. Y.
 *Marion G. Pitt (Mrs.).....13 E. 127th St., New York City
 Frank Place, Jr.....287 Convent Ave., New York City
 Josephine Potter.....155 Second Ave., Long Island City, N. Y.
 Mary E. Pound, A.B.....245 W. 107th St., New York City
 Leah Press.....506 W. 177th St., New York City
 Gertrude A. Price.....514 Madison St., Brooklyn, N. Y.
 Florence May Prince.....275 Adelphi St., Brooklyn, N. Y.
 Thomas Stephen Purtell.....173 Sixth St., Elmhurst, N. Y.
 Halsey Edmund Ramsen.....230 Montclair Ave., Newark, N. J.
 William H. Randall, Jr.....57 Fingerboard Rd., Rosebank, N. Y.
 Charles W. Raubichuck.....1744 Topping Ave., New York City
 Fred H. Rea..Cor. Watchung Ave. & Franklin Pl., Plainfield, N. J.
 Elizabeth Redmond.....Westbury Station, N. Y.
 William Edgar Reed.....416 E. 9th St., Brooklyn, N. Y.
 *Florence Lloyd Reid.....1088 Bushwick Ave., Brooklyn, N. Y.
 Bernard William Riemer.....Carlstadt, N. J.
 Clarence West Riley.....335 31st St., Woodcliff-on-Hudson, N. J.
 Peter C. Ritchie, Jr.....2164 Seventh Ave., New York City
 Loretto Marie Rochester, Pd.D...845 Lexington Ave., N. Y. C.
 Thomas Walter Rochester, E.E.845 Lexington Ave., New York City
 Emma Atwood Rodman.....126 Fourth St., Elmhurst, N. Y.
 Warren Adams Roe.....Milltown, N. J.
 Grace Woodward Russell.....576 Greene Ave., Brooklyn, N. Y.
 René Jean Marie Samson .The Polytechnic Institute, B'klyn, N. Y.

- Josie Flavilla Sands.....532 Macon St., Brooklyn, N. Y.
 Ella May Schermerhorn.....111 Hancock St., Brooklyn, N. Y.
 Karl G. Schmidt.....19 Farley Ave., Newark, N. J.
 *Louise Amelia Schneiker.....522 W. 145th St., New York City
 Hedwig Schoenrock, Pd.M..1294 Lexington Ave., New York City
 Frank Schorr.....Wantagh, N. Y.
 Hugo J. Schultz.....2040 Prospect Ave., New York City
 Mary B. Scott.....224 Lexington Ave., New York City
 Christine Merle Scovel.....423 W. 118th St., New York City
 Miriam B. Selby.....Prince Bay, N. Y.
 Isaac A. Serven.....Hazel St., Lake View, N. J.
 Pauline M. Sesso.....116 E. 91st St., New York City
 Rey M. Shissler.....115 Richmond Ave., Port Richmond, N. Y.
 Emma Mabel Skinner, Pd.M....510 W. 124th St., New York City
 Arthur Orestes Smith, 4727 Hudson Boulevard, Weehawken, N. J.
 Frederick Smith.....414 Richmond Terrace, New Brighton, N. Y.
 Mary Louise Smith.....Saugatuck, Conn.
 Nellie E. Smith, Pd.B...18B Crescent Ave., New Brighton, N. Y.
 Allen K. Snyder.....Wayne, N. J.
 Florence A. Spalckhaver.....401 Putnam Ave., Brooklyn, N. Y.
 Frank Max Spaulding.....Upper Nyack, N. Y.
 Jeanette Spivack.....255 E. Broadway, New York City
 Orville B. Stacy, Jr.....Lynbrook, N. Y.
 Elizabeth Staudermann.....1132 Halsey St., Brooklyn, N. Y.
 David Ralph Starry.....Westfield, N. J.
 Alice Steele.....192 Bloomfield Ave., Passaic, N. J.
 Simon Leo Steinfield, LL.B., D.D.S.368 Grand St., New York City
 Anna St. George.....1215 Fulton Ave., New York City
 Franklin Strong, A.B.....71 Bryant St., Rahway, N. J.
 Solomon C. Strong.....71 Bryant St., Rahway, N. J.
 Henry August Strongman.....Chester Park, L. I.
 Annie Sutherland.....124 Lexington Ave., New York City
 Bertha Strasburger.....354 Central Park West, New York City
 Grace Swayze.....525 W. 134th St., New York City
 Lora Rose Sweeney.....333 Park Ave., Paterson, N. J.
 *Rose A. Taaffe.....365 Clifton Pl., Brooklyn, N. Y.
 Jane Isabella Taylor.....2036 Fifth Ave., New York City
 Sheldon Taylor.....282 Lefferts Ave., Brooklyn, N. Y.
 Richard Teaz.....630 Hancock St., Brooklyn, N. Y.
 Gertrude Marie Elizabeth Telke, Pd.M.438 St. Nicholas Ave.,
 New York City
 Grace May Terwilliger, A.B., , , 75 Carnegie Ave., E. Orange, N. J.

Florence M. Thomas.....	501 William St., E. Orange, N. J.
Fred Thompson.....	Little Falls, N. Y.
George Cyrus Thorpe.....	109 West St., New York City
*Annie Timlin.....	35 Madison St., Brooklyn, N. Y.
James Leo Tobin, Pd.M.....	505A Kosciusko St., Brooklyn, N. Y.
Rachel F. Tolmach, A.B.....	64 E. 122d St., New York City
Frank G. Trapp.....	3985 Park Ave., New York City
Cornelia Burton Trowbridge, B.S.....	600 Bedford Ave., Brooklyn, N. Y.
Harriet Akin Tupper.....	306 W. 146th St., New York City
Edith May Tuttle.....	226 Hamilton Ave., Paterson, N. J.
Lillian A. Umaceny, A.B.....	205 E. 73d St., New York City
Alson Alcott Upham, Pd.M.....	911 Union St., Brooklyn, N. Y.
Carrie D. Van Gaasbeek.....	73 Glover Ave., Yonkers, N. Y.
George H. Van Tuyl.....	505 W. 135th St., New York City
Bessie S. Velsor.....	Valhalla, N. Y.
John Spenser Vermilye.....	72 Sycamore Ave., Corona, N. Y.
Charles D. Vosburgh.....	Lynbrook, N. Y.
Amelia Matilda Wagner, Pd.B.....	504 Ninth Ave., Astoria, L. I.
Louis Waldman.....	318 E. Third St., New York City
C. Herbert Walling.....	Rockaway Borough, N. J.
Elizabeth Walker.....	137 E. 57th St., New York City
Helen Wallace.....	110 Second St., S. Orange, N. J.
Elizabeth Walter, A.B.....	613 E. 158th St., New York City
Willard H. Waterbury.....	Niverville, N. Y.
Cecilia Watson.....	640A Monroe St., Brooklyn, N. Y.
*Annie T. Washburn.....	235 Claremont Ave., Montclair, N. J.
Edwin D. Webb, LL.M.....	11 Wadsworth Ave., New York City
Curtis Porter Weeks.....	Elmhurst, N. Y.
Bella Weiss.....	329 W. 28th St., New York City
Fannie F. Welch.....	Passaic, N. J.
Anna Frances Wells.....	122 Johnston St., Newburgh, N. Y.
Blanche Wylie Welzmler.....	318 W. 56th St., New York City
George Woodhull Wheeler.....	Valley Stream, N. Y.
Alice M. White.....	144 Bryant St., Rahway, N. J.
Florence Martha Whiteley, Pd.M.....	108 Madison Ave., Flushing, N. Y.
William Alexander Whyte.....	78 Sip Ave., Jersey City, N. J.
Elin Wikander, B.S.....	18 E. 53d St., New York City
Bessie R. Wilson.....	2136 Eighty-third St., New York City
Sarah Mary Wilson, Pd.B.....	18 Parkside Ave., Brooklyn, N. Y.
Josephine Wiweke.....	418 Union Ave., Mt. Vernon, N. Y.
Clarissa Wolfe.....	39½ Washington Sq., New York City
Morris Salmon Zatz.....	202 E. 6th St., New York City

TOTAL COLLEGIATE DIVISION..... 367

University and Bellevue Hospital Medical College

Roll of Students, 1908-1909

Fourth Year

Edward Ackermann, Ph.G.....	New Jersey
Samuel Altman.....	New York
Isidor Apfelberg.....	New York
Henry Amalric Bancel.....	New York
Edmund James Barnes.....	New York
Francesco Basile.....	New York
Harry Berkowitz.....	New York
Asher Bernstein.....	New York
Samuel Joshua Bernstein.....	New York
Charles Bellwood Bleasby.....	New Jersey
Herman Louis Bolamuth.....	New York
Samuel Boorstein.....	New York
William Edwin Boozan, A.B.....	New Jersey
Francis Fowler Brennan, Jr.....	New Jersey
Joseph Broadman.....	New York
Arvid Bursell, M.D.....	Oregon
DeWitt Franklin Cline.....	New York
Edward Schubert Cockle.....	New York
Sidney James Colton.....	New York
Philip Barry Connolly.....	New York
Henry Carlton Courten, B.A., M.A.....	New York
Arthur Daniell.....	New Jersey
John Joseph Delany, Jr.....	New York
William John Doerfler.....	New York
James Bennett Edwards.....	New Jersey
Kalman Eisenbud.....	New York
Abraham Fischer.....	Connecticut
Max Fladen.....	New York
Herman Friedel.....	New York
Henry Stewart Fruitnight.....	New York
Abraham Jacob Goldman.....	New York
Emanuel Goldstein.....	New York
Julius Jerome Goldstein.....	New York
Mark Jacob Gottlieb.....	New York
Adolph Greenstein.....	New York
Edwin Albert William Griffin.....	New York
Walter Wilson Griffin.....	New York

Stefan Grünfeld.....	New York
Max Gutman	New York
John Munn Hanford, A.B.....	New York
Frederick Casper Harms.....	New York
Morris Louis Harris.....	New York
Charles Emerson Jones, Jr.....	Connecticut
Charles Bernard Kelley.....	New Jersey
Harry Klein.....	New Jersey
William Klein.....	New York
Jehiel Kling.....	New York
Benjamin Kramer.....	New York
Martti Joel Leibovici.....	New York
Samuel Levine.....	New York
Leo Lieberman.....	New York
David Linetzky.....	New York
Edward Dennis McGiverin.....	New Jersey
Maurice Emanuel Mintz.....	New York
Daniel Pridham Morse.....	New York
Walter Joseph O'Keefe.....	Massachusetts
Joseph Patrick O'Reilly.....	New York
Charles Alfred Morris, M.D.....	California
William Palmer Patterson, B.S., M.S.....	New Jersey
Jacob Philipowitz.....	New York
William Aloysius Pindar.....	New Jersey
Jacob Polevski.....	New York
John Larrabee Pomeroy, A.B., M.D.....	New York
Thomas Iliff Price.....	Colorado
Elias Allie Rayman.....	New York
Isidor Rettig.....	New Jersey
Albert Carl Rice.....	Vermont
Pierre Anselme Rontey.....	New York
Leo Rosenthal	New Jersey
Samuel Rothberg	New York
Eugene Fairchild Russell, A.B.....	New York
Jacob Ryshpan.....	New York
Bernard Sacks.....	New York
George Norbert Slaterry, A.B.....	Illinois
Charles Solomkin.....	New York
Samuel Donald Sweitzer.....	New York
Miller Edward Trask.....	New York
John William Warner, A.B.....	Maryland
Frederick Washnitzer.....	New Jersey

Walter David Weil.....	New York
Louis Weiss.....	Connecticut
Jacob Abraham Wessler.....	New Jersey
Alfred Maximilian Wise.....	New York
Benjamin Morris Zahler.....	New York
TOTAL.....	84

Third Year

Samuel Alexander.....	New York
Samuel Edson Appel.....	New York
Samuel Stanley Arluck.....	New York
Thomas Furlong Baxter.....	Rhode Island
William Aloysius Behan.....	Pennsylvania
Joseph Adolph Belott.....	New Jersey
Abraham Brill.....	New York
John Brown, Jr.....	New York
Richard Joshua Brown, B.S.....	New Jersey
Kenneth David Bryson.....	New York
Solomon Chiger.....	New York
Samuel Eidelowitz.....	New York
Harry Elkins.....	New York
Hyman Barnett Elster.....	New York
Abraham Saxton Elterman.....	New York
Louis Joseph Ferrara.....	New York
Joseph Harold Friedman.....	New York
Philip Jacques Friedman, B.S.....	New York
Isidor Harry Goldberger.....	New York
Harry G. Goldman.....	New York
Benjamin Goldstein.....	New York
Harry M. Greenwald.....	New York
Leopold Gross.....	New York
Haim Guelman.....	New York
Julius Sidney Heller.....	New York
Frank Julius Herbig.....	New York
Albert Hirsch.....	New York
John William Hofmann.....	New York
Herman Horn.....	New York
Edward Hyland.....	New York
Abraham Harry Hyman.....	New York
Harry Jacobs.....	New York
Raymond Aloysius Kempf.....	New York

Sigmund Klein.....	New York
Louis Eichee Klingon	Connecticut
George August Koenig.....	New York
Isidor Krauss.....	New York
Joseph Leo.....	New York
Henry Lerner.....	New York
Jacob Lobsenz.....	New York
Harry James Lynch.....	New York
Robert Malcolm.....	New Jersey
Francis Heimer Marx.....	New York
David Meiselas.....	New York
Louis Israel Mishkin.....	New York
Samuel Albert Moss.....	New York
George Henry Mueller.....	New Jersey
Walter John Norris, A.B.....	Massachusetts
John Pellarin.....	New Jersey
Alfred Cummings Reed.....	California
Harry Kelchner Reynolds.....	New York
Henry Hausman Ritter.....	New York
William Harold Runcie.....	New York
John Joseph Salerno.....	New York
Maurice Shapiro.....	New York
Hyman Shlappin.....	New York
Benjamin James Silverstein.....	New Jersey
Emanuel Siner.....	New York
Josef Saul Smul.....	New York
Rowland Pendleton Stanley.....	New York
David Arthur Stern.....	New Jersey
Milton Jacob Stern.....	Kentucky
Philip Suffin.....	New York
George Benjamin Tupper.....	Ohio
Max Hamilton Weinmann.....	New Jersey
Henry Morris Weisman.....	New York
Samuel Wetchler.....	New York
Sampson James Wilson.....	New York
Israel Yasuna.....	New York
Morris Yazmir.....	New York
David Zuckerman.....	New York

TOTAL.....71

Second Year

William Byron Agan.....	New York
Samuel Aronovitz.....	New York
George Schuyler Bangert.....	New Jersey
Albert Christopher Herman Barge.....	New York
Joseph Blinder.....	New York
Rudolph Boenke	New York
Jacob Louis Bressler.....	New York
Charles Wessales Brodhead.....	New York
William Francis Brodhead.....	New York
Samuel Brody.....	New York
Robert Buerman.....	New Jersey
Arthur Samuel Calman.....	New York
Duncan Campbell.....	New York
John McMurray Cassidy.....	New Jersey
Harry Howard Champlin.....	New York
William Francis Collins.....	Virginia
Clarence Aloysius Connor.....	New York
Harrison Irving Cook.....	New Jersey
Lyman Weeks Crossman.....	New York
George Lally Curran.....	Massachusetts
Ellsworth Winfield Scott Daab.....	New York
Ralph D'Allemand Denig.....	New Jersey
William Guy Doran	New York
Henry Sage Dunning, D.D.S.....	New York
William Aloysius Dwyer.....	New Jersey
Thomas C. Dyas.....	New York
Meyer Milton Eckert.....	New York
Herman Eisenstein.....	New York
Edward Porter Essertier.....	New Jersey
Maurice Exiner.....	New York
Isidore Samuel Faust.....	New York
Abraham Feingold.....	New York
Alfred Gilbert Forman.....	New York
Thomas Edwin Freston.....	New York
Henry Friedland.....	New York
Peter Henry Friedman.....	New York
Arthur Geiringer.....	New York
Joseph Anton Geis.....	New York
Joseph Girsdansky.....	New York
Jacob Gold.....	New York
Abraham Goldstein.....	New York
Felix Graboff.....	New York

John Joseph Grant.....	Illinois
Albert Stanley Gray.....	New York
Louis Greenwald.....	New York
Nathan Hanellin.....	New York
Henry Garfield Hart.....	New York
Eugene Joseph Healey.....	New York
Herman Cleveland Herbert Herold, A.B.....	New Jersey
Jacob Harry Hirschkowitz.....	New York
William Andrew Holla.....	New York
James Frederick Horn, M.A., B.D.....	New Jersey
Clarence Robert Hutchins.....	New York
Harry Jacobstein.....	New York
Albert Oswald Jimenis.....	New York
Max Kaidansky.....	New York
Isidore Kaplan.....	New York
Nathan Kraemer.....	New York
Arthur Lauer.....	New York
Isadore Leavy.....	New York
Moses Lobsenz.....	New York
Paul Luttinger.....	New York
Martin Isaac Marshak, Ph.G.....	New Jersey
Joseph Martoccio.....	New York
Morris Arthur Mason.....	New York
Edward Joseph May.....	New York
John Francis McConnell.....	New Jersey
Andrew Joseph McGowan.....	Rhode Island
Isidore Miller.....	New York
Raymond Alanson Miller.....	New York
David Hirst Mills.....	Rhode Island
Mark Mohr.....	New York
Adolph Mulstein.....	New York
Joseph Nack.....	New York
Joseph Nisonoff.....	New York
Chaskel Pines.....	New York
August James Raggi.....	New York
John Joseph Roman.....	New York
Irwin Rosen.....	New York
Harry Rosenthal.....	New York
Ord Ledyard Sands.....	New York
Frederick William Schaeffer.....	New York
Abraham Marck Schwager.....	New York
John Joseph Shea, Jr., A.B.....	Tennessee
David Herman Shulman.....	New York

Norman Smith.....	New York
Harry David Sonnenschein	New York
Francis Washington Sovak.....	New York
Benjamin Stich.....	New York
Julius Stronczer	New York
Eide Frederick Thode, Ph.G., Phar.D.....	New York
David Clark Thompson.....	New Jersey
John Peter Viscardi.....	New York
Henry Louis Wagener.....	New York
Tobias B. Weinberg.....	New York
Max Weinstein.....	Russia
Max Wender.....	New York
Benedict Patrick Willis.....	New Jersey
William Leon Wolfson.....	Florida
George Lewis Wurtzel.....	New York
Leroy Allen Wylie.....	Massachusetts
TOTAL.....	101

First Year

Charles Adler	New York
Simon Agress	New York
Alexander Aisman	New York
Charles Auer	New York
Reeve Leslie Ballinger.....	New Jersey
Joseph Clarence Balson.....	New Jersey
Austin Flint Barr.....	New Jersey
Benjamin Baumoechl	New York
Jacob Beletsky	New York
Alfred Augustus Bell.....	New Jersey
Walter Scott Benson.....	New York
Harry Melchior Biffar.....	New York
John Bowie	New York
Jacob Bressler	New York
Leslie Brown	New York
Moses Leonard Brown.....	New York
Charles Henry Brush, Jr.....	New York
Howard Sheldon Bulkeley.....	Connecticut
Arnold Henry Bullwinkel.....	New York
Carl Miller Burdick.....	Washington
William Thomas Callery.....	New Jersey
Willard Christopherson	Utah
Walter Aloysius Coakley.....	New Jersey

Barton McCosh Cookingham.....	New York
Arthur William Crowley.....	New York
Benedetto Francis D'Angelo.....	New York
Lawrence M. Demarest.....	New Jersey
Frederick Joseph John Dillemath.....	New York
Stanley Bodkin Doyle.....	New York
Howard Robert Dukes.....	New Jersey
James Behan Egan.....	New Jersey
Charles Egelhofer.....	New York
Solly Eiss.....	New York
Michael Elliott.....	New Jersey
Hermann Elwyn.....	New York
Irving Epstein.....	New York
Louis Aaron Falk.....	New York
Jacob Nathaniel Feinberg.....	New York
David Feiner.....	New York
Julius Ferber.....	New York
Carl Otto Fischer.....	New York
Lamont Howard Fisher.....	New York
Meyer Frankfeldt.....	New York
Irving Freedman.....	New York
Harry Isidor Friedman.....	New York
Murray MacGregor Gardner.....	New York
Henry Glück.....	New York
Nathaniel Judah Goldberg.....	New York
Samuel Goldberg.....	New York
Abraham Goldstein.....	New York
Samuel Gottesman.....	New York
Louis Grabkowitz.....	New York
Samuel Greenberg.....	New York
Walter Oscar Gutlohn.....	New York
Abraham Louis Henkin.....	New York
Alexander Brenner Hepler.....	New Jersey
George Cornelius Hill, A.B.....	New York
William Harvey Hoag.....	New York
Morris Thomas Horwitz.....	Connecticut
William Hurwitz.....	New York
Thomas Charles Kadien, Jr.....	New York
Isador Kahn.....	New York
Michael Kaplan, Jr.....	New York
Julius Peter Karp.....	Connecticut
Morris Katz.....	New York
Benjamin Kaufman.....	New York

Frank Kaufman	New York
Irving Kaufman	New York
Thomas Ray Knowles	Colorado
Leo Lawrence Kranzer	New York
Armin Carl Krapf	New York
Leo Kristeller	New York
Baruch Last	New York
William Lenetska	New York
Simon Lenzner	New Jersey
Harry Levey	New York
Abraham Nathan Levy	New York
Herman Levy	New York
Isidor William Lippman	New York
James Francis Looram	New York
Bernhard Loewy	New Jersey
Donald John Macdougall	Scotland
William Stanton Martens	New York
Uriah Frederick McCurdy	Washington
James Francis McNish	Connecticut
John Solomon Meltzer	Connecticut
Maurice Isidor Melzer	New York
Theodore John Bertrand Meury	New Jersey
George Ercole Milani	New York
Francesco Miraglia	New York
Frank John Mischo	New Jersey
Harry Leo Moskowitz	New York
Elmer Marshall Mount, Jr.	New Jersey
Jonas Muller	New York
Samuel Ingram Müller	New York
Malcolm Turner Munkittrick	New York
Wilbur John Murphy	New York
John Christian Muth	New York
Benjamin Nocilla	New York
Alfred Edward Oakes	New Jersey
Abraham Ockene	New Jersey
Abraham Pansy	New Jersey
Vernon Matthew Parkinson	New York
Abraham Benjamin Pemsler	New York
Frank Petrolo	New York
Max Polatschek	New York
Richard Patrick Powers	Massachusetts
Earl Warren Presley	New Jersey
Henry Aaron Rafsky	New York

Maximilian Arthur Ramirez.....	New York
William Ignatius Reardon.....	California
Chauncey J. Regan	New York
Harry Herman Rich.....	New Jersey
Samuel Richmond	New Jersey
William Rosenfield	New York
Benjamin Ruben	New York
Leo Rubin	New York
Herman Cady Russell.....	New York
Royal Albert Schaaf.....	New Jersey
Max Schilke	New York
Walter William Schmidt.....	New Jersey
David Schapiro	New York
Herman Bernard Schoenberg.....	New York
August Martin Schultz.....	New York
Louis Schwartz	New York
Saul Seides	New York
Victor Bayard Seidler.....	New Jersey
John Daniel Sheridan.....	Pennsylvania
Charles Herman Siegelman.....	New York
Harry Marquis Smith.....	New York
Joseph Angelo Smith.....	New Jersey
William Spielberg	New York
Louis Sternberg	New York
John Bernard Stockable, A.B., A.M.....	Illinois
Abraham Stone	New York
Joseph George Strickler.....	New York
Herman Sturcke, Jr.....	New York
William Austin Tansey.....	New Jersey
John Francis Thompson.....	New York
Cornelius John Tyson.....	New York
Arthur Wayne Uran.....	Pennsylvania
Albert Van Eerde.....	New Jersey
George Woodruff Vannatta.....	New Jersey
Reginald Van Wert.....	New York
Harold Gillmore Walker.....	New Jersey
Charles Fredrick Weber.....	New York
Nathan Weinberg	New York
Morris Jacob Weiss.....	New Jersey
Vincent William Weiss.....	New York
Samuel Fredrick Weitzner.....	New York
Ralph Hall Whitcher.....	New Hampshire
Louis Wilenchick, Jr.....	New York

William Wovschin	New York
Gustav Walter Zulauf	New Jersey
TOTAL.....	154

Special and Post Graduate Students

John Dells Aldridge, A.B., M.D.	Ohio
Albert Alexander	New York
Thomas Aloysius Brady.....	New York
David Rufus Christie.....	New York
Henry Cohen	New York
Gustav Malvin Davis.....	New York
Aaron Denenholz, M.D.....	New York
Robert Edward Elster.....	New York
David Engelman	New York
Maurice Emanuel Freiman.....	New York
Abraham Gilman	New York
William Goldman	New York
Bernard Francis Goldstein.....	New York
Benjamin Graboff	New York
Leon Greenfield	New York
Michael Joseph Healy.....	New York
John William Held.....	New York
Isidore Jacob Kurz.....	New York
Samuel Lang	New York
Samuel Theo. Levitas.....	New York
William H. McDonald.....	New York
Duncan Prior Meikle.....	New York
Paul Erdmann Paschke.....	New York
John Jacob Peckelis.....	New York
Edward Pick	New York
David Daniel Salisch.....	New York
Jacob Robert Shapero.....	New York
Isidore Jerome Silverman.....	New York
John Joseph Sloman.....	New York
Arthur Somkin	New York
Nathan Benjamin Stang.....	New York
Hugo Karl Strobel.....	Germany
Julius Leon Tell.....	New York
Meyer Weiss	New York
Tobias Zauderer	New York
TOTAL.....	35

Summary of Students

Fourth year.....	84
Third year.....	71
Second year.....	101
First year.....	154
Special and Post Graduate.....	35
TOTAL MEDICAL COLLEGE.....	445

New York-American Veterinary College**Roll of Students, 1908-1909****First Year Class**

Peter Ira Amsher.....	Brooklyn, N. Y.
Eugene Combs.....	Annapolis, Md.
Adolph Franke.....	New York, N. Y.
William Albert Jaquiss.....	Brooklyn, N. Y.
Louis Raphail Koten.....	Columbus, Ohio
Maurice Levinson.....	New York, N. Y.
Clare Frederick Nesbitt Schram.....	Oberlin, Ohio
TOTAL FIRST YEAR CLASS.....	7

Second Year Class

Harry Frank Nimphius.....	New York, N. Y.
Takeo Osada.....	Tokio, Japan
Lester Howard Stryker.....	Marlboro, N. J.
TOTAL SECOND YEAR CLASS.....	3

Third Year Class

George Henry Bartels.....	New York, N. Y.
Ignazio Compagnini.....	New York, N. Y.
John Francis Creedon.....	Dobb's Ferry, N. Y.
Lawrence Leo Glynn.....	Brooklyn, N. Y.
Archibald Forest Green.....	Rockland, Me.
Louis Griessman.....	New York, N. Y.
TOTAL THIRD YEAR CLASS.....	6
TOTAL VETERINARY COLLEGE.....	16

Fellows and Scholars in the University 1907-1908

The University College and School of Applied Science

G. H. Schofield.....	Thomas S. Baley Scholar
Van D. Sheldon.....	Jay Gould Scholar
Frank E. Booth.....	Jay Gould Scholar
A. Hamilton.....	Jay Gould Scholar
B. D. Cole.....	Delaware County Scholar
F. M. Kelly.....	Roxbury Scholar
J. K. Sanford.....	Roxbury Scholar
A. K. More.....	Northrop Scholar
E. N. Billard.....	Ralph Hoover Shaw Scholar
J. M. Cassidy.....	Irvington Scholar
Waldron Dumond.....	Tarrytown Scholar
V. D. Sheldon.....	Remsen Engineering Scholar
G. S. Armstrong.....	Remsen Engineering Scholar
J. K. Sanford.....	Gould Engineering Scholar
Henry E. Mowen.....	Southwestern Scholar
C. E. Palmer.....	Western Scholar
Andrew Ten Eyck.....	Catlin Scholar
J. W. Mace.....	Catlin Scholar
L. R. Hartley.....	Catlin Scholar
J. B. Putnam.....	Catlin Scholar

The Graduate School

John Lougran	Butler Philosophical Fellow
Gertrude Schöpperle.....	Ottendorfer Fellow
Charles A. Tonsor, Jr.....	Butler Classical Fellow
Gordon R. Fonda.....	Inman Fellow
Harry Clark.....	Remsen Scholar
William Howard Kephart.....	Wittenberg Scholar
Charles H. Schwarzbach.....	Ellinwood Scholar
A. T. Baroody.....	Faculty Scholar
Matthew L. Dann.....	Faculty Scholar
Helen F. Doherty.....	Faculty Scholar
David Klein.....	Faculty Scholar

The School of Pedagogy

J. A. Thackston.....	Helen Day Gould Fellow
P. Radosavljevich.....	Second Helen Day Gould Fellow
A. G. Peaks.....	Jay Gould Fellow

Helen F. Doherty.....	Shaw Scholar
Adelaide V. Finch.....	Gould Scholar
M. Gertrude Flynn.....	Hitchcock Scholar
Edith N. Putney.....	Hitchcock Scholar
Caroline N. Lawrence.....	James Buell Fellow
Mary R. G. Davis.....	James Buell Fellow
Alice I. Bennett.....	Western Fellow
P. Radosavljevich.....	Northrop Fellow
Maude M. Shipe.....	Leclere Scholar
Emma G. Olmstead.....	Northrop Fellow
Maude M. Shipe.....	Southwestern Fellow

The School of Law

Runyon Colie.....	Shepard Scholar
Charles I. Wood.....	Faculty Scholar
Max Kotzen.....	Faculty Scholar
Benjamin Ammerman.....	Faculty Scholar
Martha S. Coddling.....	W. L. C. Scholar

The Medical College

Morgan Walcott.....	Herter Fellow
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Degrees Conferred

At the Commencement of the University on June 3, 1908, in the Auditorium, University Heights, New York City, the following degrees were conferred:

Honorary Degrees

The Degree of Master of Letters

Helen Gray Cone.....New York City
Professor of English in the Normal College of the City of
New York.

Edward Hagaman Hall.....New York City
Secretary of the American Scenic and Historic
Preservation Society.

The Degree of Doctor of Laws

George Samler Davis.....New York City
President of the Normal College of the City of New York.

Victor James Dowling.....New York City
N. Y. U., LL.B., '87—Justice of the Supreme Court.

George Washington Kirchwey.....New York City
Dean of the School of Law, Columbia University.

James Ford Rhodes.....Boston, Mass.
Student in New York University 1865-1867, Author and
Historian.

Degrees Upon Examination

The Degree of Bachelor of Arts

Vaclav Paul Backora.....New York City

Chester Carlyle Beekman.....New York City

Paul Chertoff.....New York City

Joseph Emanuel Cohn.....Newark, N. J.

Ellsworth William Ferdon.....Westchester, N. Y.

Adrian Charles Griffin.....New York City

John Watson Hampshire.....Calverton, L. I.

Howard Huntington.....Princeton, N. J.

Ludwig Kaphan.....Brooklyn, N. Y.

John Stanley Lyon.....Holyoke, Mass.

Herman Emil Mantel.....New York City

Thomas Mufson.....Jersey City, N. J.

James Pool Phillips.....New York City

Christian Henry Von Bargen.....Brooklyn, N. Y.

The Degree of Bachelor of Science in Pure Science

John McMurray Cassidy.....	Jersey City, N. J.
Frank Joseph Duffy.....	Yonkers, N. Y.
Henry Friedrich.....	New York City
George Paul Heale.....	New York City
Albert Aaron Meeker.....	New York City
Raymond Ernest Sabin.....	Flushing, N. Y.
Francis Washington Sovak.....	New York City
George Valentine Wallin.....	Yonkers, N. Y.
William Andrew Henry Zink.....	West Hoboken, N. J.

The Degree of Civil Engineer

Hippolyte Bergman, B.S.....	New York City
Robert Edwin Denike, B.S.....	New York City
Frederick Van Zandt Lane, B.S.....	New York City
John Lowry, Jr., B.S.....	New York City

The Degree of Mechanical Engineer

Harold Hugo Ball, B.S.....	Buffalo, N. Y.
Joseph Anthony George Baudermann, B.S.....	New York City
Carlos De Zafra, B.S.....	New York City
Irving Callender Jennings, B.S.....	South Norwalk, Conn.

The Degree of Bachelor of Science in Civil Engineering

Arthur Pope Ackerman.....	Great Barrington, Mass.
George Simpson Armstrong, Jr.....	Brooklyn, N. Y.
Morgan Robert Butler.....	Hollis, N. Y.
Julius Nathan Cahan.....	New York City
George Joseph Francis Carey.....	New York City
Frank Jacob Doerhofer.....	Astoria, N. Y.
Abraham Ginsberg.....	Passaic, N. J.
Jacob Harris Goldstein.....	Rochester, N. Y.
Alfred Starr Griffiths.....	Amityville, N. Y.
Theodore Gutermann.....	New York City
Charles Augustus Haschek.....	New York City
Clifford Irving Hicks.....	Great Neck, N. Y.
John Lucey.....	Little Falls, N. Y.
Charles MacDonald, Jr.....	Armonk, N. Y.
Romeo Bailey Manowitch.....	New York City
Alfred Allison Scheuer.....	New York City
Theodore John Serduke.....	New York City
Arthur Henry Sherin.....	New York City
Joseph Smith.....	New York City

William Scott Smith.....Yonkers, N. Y.
 Abraham Sorkind.....New York City
 Seth Martin Timberlake.....Brooklyn, N. Y.
 Raphael Joaquin Torralbas.....Havana, Cuba
 Leroy Allison Van Bomel.....New York City
 Frank Wessels, Jr.....Peekskill, N. Y.

The Degree of Bachelor of Science in Mechanical Engineering

Edwin Johnston Barr.....Irvington, N. Y.
 James Edward Bushnell.....Cold Spring, N. Y.
 Charles Henry Deverill.....Tarrytown, N. Y.
 Edward Hastings Jacobsen.....West Brighton, N. Y.
 Harry Eugene Mowen.....Fort Smith, Ark.
 James Richmond Rossman, Jr.....Cambridge, Mass.

The Degree of Bachelor of Science in Pedagogy

Takashi Akiyama.....New York City
 Edward Hiry Alexander.....New York City
 Reeves Dyer Batten, Pd.M.....Lyndhurst, N. J.
 Nelson Peter Benson.....New York City
 Katherine Berkan.....Passaic, N. J.
 Fred J. Bierce.....Great Neck, N. Y.
 Dorothy Bocker.....New York City
 Walter Bateman Chamberlain.....Coytesville, N. J.
 Eva Helen Chamberlin.....Newark, N. J.
 Lilian Adele Clemens.....Bayonne, N. J.
 Frank Seymour Coe.....East Orange, N. J.
 Katharine Duffy.....New York City
 Jennie Louise Dunbar.....Brooklyn, N. Y.
 Henrietta MacKellar Edwards.....New Brighton, N. Y.
 M. Gertrude Flynn.....New York City
 Charles Henry Gleason, Jr., Pd.M.....Newark, N. J.
 Edward Hugo Gumbart, Pd.M., Pd.D....South Norwalk, Conn.
 Gamble Hall.....New York City
 Charles Ham.....New York City
 Margaret Hunt Hetzel.....Newark, N. J.
 Watson Frederick Keeney, Pd.M., Pd.D....New Brighton, N. Y.
 Edward Francis Kilcoin, Pd.M.....New York City
 Caroline Noble Lawrence.....New York City
 Sarah Marion Lenher, Pd.M., Pd.D.....Elizabeth, N. J.
 René Thurston LeValley.....Clifton, N. J.
 Frederic Thomas Lewis.....Valley Stream, N. Y.
 Otto LichtiPandora, Ohio

Alfred Eleazer Loveland.....Brooklyn, N. Y.
 Edward Appleton Murphy, Pd.M.....Jersey City, N. J.
 Fanny Ursula Payne.....Brooklyn, N. Y.
 Edwin Murlin Preston.....Baldwin, N. Y.
 Lydia Fleming Redding.....Newark, N. J.
 Samuel Arndt Roberson, Pd.M.....Bayonne, N. J.
 George H. Sayre.....Harrington Park, N. J.
 Charles Henry Schwartzbach.....Brooklyn, N. Y.
 Warren Phillips Shellard.....Brooklyn, N. Y.
 Caroline Harriet Smith, LL.M.....Brooklyn, N. Y.
 Thomas Philip Smith.....New York City
 Sara Stone.....New York City
 George Dwight Sykes, Pd.M.....Suffern, N. Y.
 Ada Eckert Tompkins.....New York City
 Austin Hiel Updyke, Pd.M.....Garwood, N. J.
 Grace Dean White.....Jersey City, N. J.

The Degree of Doctor of Philosophy

Henry N. Davidson.....New York City
 College of the City of New York, B.A., 1902; New York
 University, M.A., 1906.

THESIS: "Eucken's Philosophy as a Foundation of
 Characteristic Religion."

Charles Cudworth Delano, Jr.....Brooklyn, N. Y.
 Boston University, B.A., 1898; M.A., 1899.

THESIS: "The Private Economy of the Athenians of the
 Fourth and Fifth Centuries."

Benjamin Garrison Demarest.....Newark, N. J.
 New York University, B.S., 1905; M.A., 1907; LL.M., 1892;
 Columbia, LL.B., 1888.

THESIS: "The Psychology of Legal Evidence."

Edoardo San Giovanni.....New York City
 Bacc. Lit., 1897, Royal Lyceum, Corregio, Italy; New York
 University, M.A., 1906.

THESIS: "De Versu Heroico Statiano ad Vergilianum Relato."

Carl Albert Krause.....New York City
 Eureka College, B.A., 1895; M.A., 1897.

THESIS: "Gerhart Hauptmann's Treatment of Blank Verse."

Lindsay Bartholomew Longacre.....New York City
 Columbia, E.M., 1892; Drew Theological Seminary, B.D., 1896.

THESIS: "Elijah and Elisha and Their Part in the Political
 and Religious Crisis in Israel in the Ninth Century, B.C."

Cornelia E. MacMullan.....South Orange, N. J.
New York University, Pd.M., 1902; Pd.D., 1903; B.S., 1904;
M.A., 1906.

THESIS: "The Elegy in English Literature."

Albert Amédée Méras.....New York City
College City of New York, B.A., 1900; New York University,
M.A., 1904.

THESIS: "Genesis of the Monroe Doctrine."

Thomas John Mulvey.....Brooklyn, N. Y.
St. Mary's College, 1893; Propaganda, Rome, 1896; New
York University, M.A., 1904.

THESIS: "The Seven Books of Arnobius adversus Nationes."

William Bradley Otis.....New York City
Iowa College, B.A., 1901; Columbia, M.A., 1904.

THESIS: "American Verse in the Seventeenth and
Eighteenth Centuries."

George Clare Sprague.....Brooklyn, N. Y.
Olivet College, B.A., 1905.

THESIS: "The Land System of Colonial New York."

John Andy Thackston.....New York City
Furman University, B.A., 1899; New York University,
Pd.M., 1907.

THESIS: "Primary and Secondary Education in South
Carolina."

William T. Whitney.....New York City
New York University, Pd.M., 1901; B.S., 1904; Pd.D., 1905.

THESIS: "Lotze's Conception of Reality."

Augusta Manie Wilson.....New York City
New York City Normal College, B.A., 1897; New York
University, M.A., 1904; B.S., 1906.

THESIS: "The Principle of the Ego in Philosophy with Special
Reference to Its Influence on Schlegel's Doctrine
of 'Ironie.'"

The Degree of Doctor of Science

Martin A. Rosanoff.....Worcester, Mass
New York University, Ph.B., 1895.

THESIS: "Determination of Chlorides and Bromides in the
Presence of Cyanides."

The Degree of Master of Arts

Albert Bauman, B.A.....	Grand Meadow, Minn.
George I. Brinkerhoff, B.A.....	Paterson, N. J.
Robert B. Brodie, B.S.....	Brooklyn, N. Y.
Adaline May Conway, B.A.....	Brooklyn, N. Y.
Abraham Jay Demarest, B.S.....	Hoboken, N. J.
William P. F. Dooley, B.A.....	New York City
Thomas L. Doyle, B.A.....	Brooklyn, N. Y.
Joseph B. Goldstein, B.A.....	New York City
Owen Augustine Haley, B.A.....	New York City
Jeannette Hamill, B.A., J.D.....	New York City
C. Edward Jones, B.S., Pd.M.....	Selkirk, N. Y.
Samuel Katz, B.A.....	Brooklyn, N. Y.
Edward J. Kehoe, B.A.....	New York City
Josephine E. Kopankiewicz, B.A.....	Brooklyn, N. Y.
Philip L. Liphshitz, B.A.....	New York City
Maximilian J. Lustgarten, B.A.....	New York City
John D'Arcy McGee, B.L.....	New York City
Olga Marx, B.S., Pd.D.....	New York City
John Nehrbas, B.S.....	New York City
Edwin Wintermute Oliver, B.S.....	Hoboken, N. J.
Robert Louis Rapoport, B.A.....	New York City
Jean Fleming Robertson, B.A.....	New York City
Max I. Rosenhaus, B.S.....	New York City
Ignatz Saymon, B.A., LL.B.....	New York City
Arthur Selwyn-Brown, B.S.....	New York City
Ada M. Sill, B.A.....	New York City
Gustav A. Stumpf, B.A.....	Brooklyn, N. Y.
Charles Augustus Tonsor, Jr., B.A.....	New York City
Clifford W. Williams, B.S.....	Palouse, Wash.
Ruby Millicent Wrede, B.A.....	New York City

The Degree of Master of Science

Harry Clark, B.S.....	New York City
Gorton Rosa Fonda, B.S.....	New York City
Daniel Dana Jackson, B.S.....	Brooklyn, N. Y.
Orton R. Smiley, B.A.....	Bloomfield, N. J.

The Degree of Doctor of Pedagogy

Henry Eugene Fritz, B.S., Pd.M.....	North Pelham, N. Y.
THESIS: "The Nature of the Art Activity in Relation to Aesthetic Culture."	

Paul R. Radosavljevich, Ph.D., Pd.M.....Obrez, Slavonia
 THESIS: "The Influence of the Content of Words on Primary
 Memory."

Kurt Ernest Richter, B.S., Pd.M.....New York City
 THESIS: "A Critique of Contemporary Methods in the
 Teaching of Modern Languages."

James Clarkson Rogers, B.A., Pd.M.....Brooklyn, N. Y.
 THESIS: "Pansophic Ideas of the Seventeenth Century with
 Especial Reference to England."

Herman Joshua Sonnenberg, B.S., Pd.M.....New York City
 THESIS: "A Comparative Study of the Courses of Study in
 the Elementary Schools of the United States."

The Degree of Master of Pedagogy

Garabed Bogos Adanalian, B.A.....Turkey

Julius Bluhm, A.B.....New York City

J. Russell Hunt, B.S.....New York City

Anna Isabella Meharg.....Hoboken, N. J.

William Henry Perry, A.B., A.M.....Dobbs Ferry, N. Y.

Lynn Mateer Saxton, B.S., M.S.....Edgewater, N. J.

Leon Sinagnan, B.A., A.M.....New York City

Gertrude Marie Elizabeth Telke, A.B.....New York City

James Leo Tobin.....Brooklyn, N. Y.

The Degree of Juris Doctor

William MacKellar Brittain.....New York City
 N. Y. U., LL.B., 1906; Columbia Univ., 1907.

Lester Meyer Friedman.....New York City
 C. C. N. Y., B.A., 1904; N. Y. U., LL.B., 1907.

Gustave Hartman.....New York City
 C. C. N. Y., B.S., 1900; N. Y. U., LL.B., 1904; LL.M., 1907.

Albert Ossar Miller, Jr.....Passaic, N. J.
 Columbia University, A.B., 1893; LL.B., 1895.

Benjamin Shapiro.....New York City
 C. C. N. Y., A.B., 1903; N. Y. U., LL.B., 1907.

The Degree of Master of Laws

Max Hirschfeld Bloch.....New York City
 N. Y. U., LL.B., 1907.

Florence Edith Bruning.....New York City
 Normal College, A.B., 1903; N. Y. U., LL.B., 1907.

Benjamin Mulford Day, Jr.....New York City
 N. Y. U., LL.B., 1907.

Lester B. Freedman.....	Brooklyn, N. Y. N. Y. U., LL.B., 1907.
David Bernard Getz.....	Brooklyn, N. Y. N. Y. U., LL.B., 1903.
Arthur Horn.....	New York City N. Y. U., LL.B., 1907.
Isadore Kallet.....	New York City N. Y. U., LL.B., 1905.
Abraham Kaplan.....	New York City N. Y. U., LL.B., 1907.
Hugo Levy.....	New York City N. Y. U., LL.B., 1904.
Lester Bennett Nelson.....	New York City N. Y. U., LL.B., 1907.
Nathaniel Phillips.....	New York City C. C. N. Y., A.B., 1903; N. Y. U., LL.B., 1907.
Dante Rivetti.....	New York City N. Y. U., LL.B., 1907.
Philip Samuels	New York City N. Y. U., LL.B., 1907.
Jacob Juda Schwebel.....	New York City N. Y. U., LL.B., 1907.
Benjamin Shapiro.....	New York City C. C. N. Y., A.B., 1903; N. Y. U., LL.B., 1907.
Joel Ira Schweitzer.....	New York City N. Y. U., LL.B., 1907.
Henry Leighton Steitz.....	New York City N. Y. U., LL.B., 1907.
Benjamin Swartz.....	New York City N. Y. U., LL.B., 1907.
Frederick Sutton Taggart.....	Westfield, N. J. N. Y. L. S., LL.B., 1901.
Benjamin Weiss.....	Brooklyn, N. Y. N. Y. U., LL.B., 1906.
Nathan Silvion Zucker.....	New York City N. Y. U., LL.B., 1907.

The Degree of Bachelor of Laws

Isaac Aaronson	Benjamin Ammerman
Harold Oscar Aaronson	Henry Amster
George Augustus W. Achenbach	Harry Grover Anderson
Leslie Jefferson Aker	Simon Bachrach

Mark Barth	Harry Milton Friedman
Charles Minturn Baxter, Jr., A.B.	Ferdinand Garfield
Frank F. Bergenfeld	Maurice A. Garfinkel, A.B.
Jacob A. Bernstein, A.B.	Edward Gates
Philip Bernstein	David Geiger
Goodman Block	Hyman Goldin
Eric Louis Boetzel	Maxwell Gottlieb
Everett Warner Bovard	Meyer Glickstein
John K. Brachvogel	Abner Laurence Greenberg
Anthony F. Burke	Pauline Greenberg
Margaret Cornelia Burke, A.B.	Max Greenberg
Hyman Cantor	Louis I. Grossfield
Peter Angelo Cavicchia, A.B.	Morris Grossfield, Jr.
Walter E. Chapman	Simon S. Hamburger
Harry Check	Joseph Hartigan
Samuel Chess	William Baytho Hazelwood, A.B.
William W. Clendenin, M.S.	Fernando Henriques
Chester A. Clock	William George Hille, A.B.
William Shipley Coffey, A.B.	Annie Weiner Hochfelder
Hyman M. Cohen, A.B.	Harry Augustus Horton
Arthur Samson Cohn	Clifford Holcombe Keep, A.B.
Runyon Colie, A.B.	Regina Bernstein Keller
Samuel C. David	Arthur Bernard Kelly
Willis B. Davis, A.B.	Edward A. Kenny, A.B.
Robert George Davey, A.B.	Michael Kley, A.B.
Jacob S. Demovitch	Harold Conover Knapp
Morris Deshel	Samuel Koffler
Jesse V. Devine, A.B.	Gabriel Kotcher
Leonard Anderson Duncan	Max M. Kotzen, A.B.
Octave Paul Ebeling	Louis G. Levine
LeRoy G. Edwards	Abraham Levitan
Max Ehrlich	George Morton Levy
Isidore Ehrman	Alexander John Lindsay
Chester Ellinwood	L. Garfield Lippman, B.S.
Isidor Eisenberg	Louis Lipsky
William S. Evans, A.B.	Alvin Ira Macnab
Louis Fabricant	Tracy P. Madden
George Collingwood Felter	William Mahler
John Joseph Finn	Daniel Maller
Sidney Rudolf Fleischer	William Ellsworth Maxfield
Robert Morris Frank	Archibald Campbell Mayo
William H. Freeman	Joseph Mayper

Albert G. McCarthy	Louis Rosenthal
Thomas Warren Meighan	Hubert Joseph Rowe
George Meyer	Sigmund Rubin
Rutherford Schenck Moorhead	Isaac Sackin, B.S.
Gustave Morris	Henry Louis Salpeter
Thomas J. Morton	Ludwig Louis Scaserra
Louis Adlai Moseson, B.S.	Oscar Seidel Seaver, A.B.
Frank Allen Mosher	Robert Seelav
Matthew Mueller	Isadore Shapiro
Hugh Leonard Nehring	Jacob Shapiro, B.S.
Rudolph Neuendorffer	Benjamin Silk
Henry Isaac Norr, B.S.	Cromwell Simon
Charles A. Oberwager	Leopold Spitz
Francis Aloysius O'Neill	Abraham Staub
Irene D. Ottens	Morris Streusand
Annie I. Parsons	Martin Brown Stutsman
George W. Perry	Henry Swartz, A. B.
Helen Potter, A.B.	J. Warren Thomas
Horace G. Prall, A.B.	John Lester Tuthill, A.B.
Leonard Prince	Harold DuBois Van Derlyn
Alcibiades George Psiaki	Aquila N. Venino
Lucille Pugh	Henry E. von Pein
Arthur Gilroy Quinn	Julius Walerstein
Eve Pauline Radtke	Adolph Warshow
Harry Rittenberg	Harry Weinberger
Bertha Agnes Rosenfield, M.D.	Alexander Weinstein
Isaac Rosenberg	Charles I. Wood, A.B.
Leo Rosenberg	Gerson Clarence Young
Philip F. Rosenberg	Elihu Joseph Zwilling
Solomon Rosenberg	

The Certificate of the School of Law

Morris Berger	Samuel Lebovitz
Richard M. Byrne	Thomas A. Luddy
David L. Cohn	Michael Simon Meyerowitz
Thomas J. Dorney	Max Mysell
Harry Dubinsky	Max Henry Ring
Rudolph Dugan	Harry Rosenfeld
Gustav Gunkel, Jr	Jacob Rubin
Jacob Kirschenbaum	William Moses Silverman
Jacob Langsam	David Tishman

The Degree of Doctor of Medicine

John Aikman.....	New York
Abraham Jacob Alexander.....	New Jersey
Morris Auslander.....	New York
David Bader.....	New York
August Leo Beck.....	New York
Henry Irving Berger.....	Indiana
William Berkowitz.....	New York
Isaac Block.....	New York
George Gregor Bohrer.....	New York
Barnet Seymour Bookstaber.....	New York
Maxwell Branner.....	New York
Joseph Elias Braunstein.....	New York
John Harold Carroll.....	New York
William Morris Collins.....	Massachusetts
Arthur Daniell.....	New Jersey
Isidor Dicker.....	New York
William James Douglas, Jr., B.S.....	New Jersey
Abraham Finkelstein.....	New Jersey
Max Fischman.....	New York
Tracy Lyman Fisk.....	New Jersey
Maurice Freiman.....	New York
Solomon Ginsburg.....	New York
Aaron Harold Gittleson.....	New York
Samuel Glassman.....	New York
Ludwig Bernhard Goldhorn.....	New York
Henry Graefe, Jr.....	Ohio
Arthur Sheldon Grant, B.S.....	Connecticut
Harry Hausman.....	New York
Samuel Hecht.....	New York
Eugene Garfield Herbener.....	New York
Marmaduke Hoy.....	New York
John Huberman.....	New York
Alexander Isaacson.....	New York
Edwin Irving Ives.....	New York
Herman Sam Jacobs.....	New York
Michael Jaffer.....	New Jersey
Charles Kennedy, M.D.....	New York
Robert Buchanan Kennedy.....	New York
James Matthew Kiernan.....	Connecticut
Emanuel Klein.....	New Jersey

George Knauer.....	New Jersey
Leopold Abraham Koppel.....	New Jersey
Benjamin Koven.....	New York
Louis Charles Lange.....	New Jersey
William Leavitt.....	New York
William Lehrich.....	New Jersey
Joshua Harry Leiner.....	New York
Francis Joseph Lennon.....	New York
Herman Levison.....	New York
Lansing Yates Lippincott, A.B.....	New York
Meyer Lippman, B.S.....	New York
Nicholas Lukin.....	Russia
Isaac Horatio Marcus.....	New York
Lester Howard McAllister.....	New York
Daniel Aloysius McAteer.....	New Jersey
Denis Edward McMahon, A.B.....	Connecticut
Harry Philip Mencken.....	New York
Albert Alexander Mendez.....	New York
Gilbert Miller.....	New York
William Hobart Mitchell.....	New York
James Joseph Norton, A.B.....	Massachusetts
Hyman Joseph Perlman.....	New York
Augustin Pietri.....	Puerto Rico
Joseph Leocadio Ramirez.....	New York
Jacob Reiner.....	New Jersey
Adolph Irving Ringer.....	New York
Lawrence Harrison Rogers, A.B.....	New Jersey
Joseph Röhr.....	New York
Leopold Miller Rohr.....	New York
Isaac Rosenstein.....	New York
Aaron Roth.....	New York
Harry Roth.....	New York
Jacob Sarnoff.....	New York
Joseph Charles Scal.....	New York
Michael Schuman.....	New York
Nathan Schwartz.....	New York
Nathan Settel.....	New York
Harry Sicherman.....	New York
Joseph Isaac Singer, A.B.....	New York
Max Spiegel.....	New York
Bernard Stattman.....	New York
Sidney Burnett Tryon.....	Ohio

Theron James Vosburgh.....	New York
Robert Emmet Walsh.....	New York
Charles Ezekiel Weber.....	New York
Harvey Clock Williamson.....	New York
George Baptiste Witt.....	New Jersey
Henry Wolfer, Jr.....	New York

The Degree of Doctor of Veterinary Surgery

John George Dolan.....	New York City.
Aristide Thomas Ferguson.....	Teaneck, N. J.
John Francis Gillespie.....	Brooklyn, N. Y.
Herbert Frederick Harms.....	Pearl River, N. Y.
Charles Alexander Kehr.....	New York City
Roland Townsend King.....	Richmond Hill, N. Y.
Reynold Marquez.....	Pinar del Rio, Cuba
Robert McGowan, Jr.....	East Orange, N. J.
Christian Grieder Rohrer.....	Mount Joy, Pa.
Stephen Allen Selby.....	New York City
Harold Everett Stearns.....	Brooklyn, N. Y.
Albert Nichols Towner.....	Towners, N. Y.
Lyle Burton Whitney.....	North Adams, Mass.

The Degree of Master of Commercial Science

Leo Greendlinger, B.C.S.....	New York City
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The Degree of Bachelor of Commercial Science

Michael E. Benjamin.....	New York City
Clinton I. Collver.....	Clinton, Wis.
Mark Condell.....	New York City
Harry Davenport.....	Brooklyn, N. Y.
William Diebold.....	Newark, N. J.
Edward J. Duffy.....	New York City
Willard Tracy Eddy.....	New York City
Benjamin D. Fairchild.....	Brooklyn, N. Y.
Charles Frank.....	Brooklyn, N. Y.
James D. Glunts.....	Boston, Mass.
Annie Hamill.....	New York City
Franklyn Heydecke.....	Newark, N. J.
Harry Sterling Johnson.....	Pt. Richmond, L. I.
A. E. Kemmerer.....	New York City
Hugh A. McCormack.....	Brooklyn, N. Y.

T. Leonard McHefhey.....	Montclair, N. J.
Albert Davis Mellor.....	New York City
Robert Meyer.....	Hoboken, N. J.
Leroy L. Perrine.....	New York City
Benno Phillipson	New York City
John L. Raynor.....	Long Island City
Henry Regosin	Brooklyn, N. Y.
Henry Rieders	New York City
S. Sakai.....	Tokio, Japan
Charles Samson	New York City
William Sheperdson	New York City
Roy Smith.....	Pontoosuc, Ill.
George F. R. Snowden.....	Brooklyn, N. Y.
A. Watanabe.....	Tokio, Japan
Ernest Willvonseder	Westchester, N. Y.
P. S. Young.....	Newark, N. J.

The Certificate of the School of Commerce

Frederick H. Branstater.....	New York City
James L. Druck.....	Palisade, N. J.
Elbert W. Gould.....	New York City
John B. Goddard.....	Brooklyn, N. Y.
Karen M. Jensen.....	Tenafly, N. J.
J. J. Kelly.....	New York City
W. E. Kinze.....	Brooklyn, N. Y.
Harry C. Landwehr.....	New York City
Simon Loeb	Yonkers, N. Y.
David R. McGowan.....	Brooklyn, N. Y.
James S. Mershon.....	Newark, N. J.
John H. Sandford.....	New York City
George W. Shipway.....	Brooklyn, N. Y.
W. C. Whyard.....	New York City

Honors and Prizes

Honors and Prizes were awarded at the Commencement, June 3, 1908, as follows:

University College

The Ogden Butler Euclidean Prize:

George Paul Heale.....New York City

The W. H. Inman Fellowship:

William A. H. Zink.....New York City

The G. A. Sandham Oration Prize:

First: Benjamin Parke DeWitt.....Elmhurst, N. Y.

Second: Paul Christian Wolff.....New York City

The Frederick Seward Gibson Prize:

John Watson Hampshire.....Calverton, N. Y.

The James Gordon Bennett Prize:

George Valentine Wallin.....Yonkers, N. Y.

The Herman Ridder German Prize:

John Watson Hampshire.....Calverton, N. Y.

The Alumnus Sophomore Philosophical Prize:

Ralph Wright Rowland.....Clifton, N. Y.

School of Applied Science

The Wm. A. Hoe, Jr., Prize:

William Scott Smith.....New York City

The Duryea Fellowship:

Harry E. Mowen.....New York City

School of Law

Third Year Evening:

First Prize of \$75: Leopold Spitz, New York City.

Second Prize of \$50: Leo Rosenberg, New York City.

Honorable mention to Isaac Aaronson, New York City; Adolph Warshow, New York City; Archibald C. Mayo, Brooklyn, N. Y.; David L. Cohn, New York City.

Senior Class:

- First Prize of \$100:* Frank F. Bergenfeld, Brooklyn, N. Y.
Second Prize of \$60: Charles I. Wood, Long Island City, N. Y.
Third Prize of \$40: Jacob A. Bernstein, Mt. Vernon, N. Y.
Honorable mention to Helen Potter, New York City; Runyon Colie, Newark, N. J.

Junior Class:

- Shepard Scholarship:* Janet E. Seidler, New York City.
First Faculty Scholarship: Isaac Gross, Jersey City, N. J.
Second Faculty Scholarship: Solomon Boneparth, New York City.
Third Faculty Scholarship: Arthur T. O'Leary, New York City.
Honorable mention to Harry Arlosorov, New York City; John Gerdes, Brooklyn, N. Y.

Second Year Class:

- First Prize of \$75:* Leo J. Schwartz, New York City.
Second Prize of \$50: David Kahn, New York City.
Honorable mention to Irving M. Obreight, New York City;
Arthur Goodstein, Brooklyn, N. Y.; Charles Cahn, New York City.

First Year Class:

- Honorable mention to* Nathan Choloney, New York City.

College of Medicine*The Valentine Mott Medals:*

- The Gold Medal, Richard Joshua Brown, New York City.
The Silver Medal, Alfred Cummings Reed, New York City.
The Bronze Medal, Henry Irving Berger, New York City.

The Lusk Memorial Prize:

- Adolph Irving Ringer, New York City.

Summary of University Statistics 1908-1909

DIVISIONS	Professors.	Lecturers.	Instructors.	Assistants.	Other Officers.	Total Officers.	Total Students.	Degrees Conferred, 1908.
I. ARTS AND SCIENCE.								
1. College of Arts and Pure Science . . .							142	29
2. School of Applied Science							223	39
3. Graduate School. .							282	49
	34	36	10	10	13	103	626	
4. Summer School. .							608	14
5. School of Pedagogy							367	43
6. Washington Square Collegiate Div. . .							882	46
7. School of Commerce.	7	11	4	2	2	26		
II. LAW.								
8. University Law School	10	2			1	13	770	195
9. Woman's Law Class.	1		3			4	46	
III. MEDICINE.								
10. University Medical College.	33	18	28	24	53	156	445	88
11. Veterinary College	10	2	1	1		14	16	13
IV. GENERAL								
12. Library					7	7		
Grand Total . . .	95	69	46	37	76	323	4,407	516
Deduct for names counted twice.	2					2	289	
Net Total	93	69	46	43	73	321	4,118	516

In the above total "auditors" are not reckoned. Of these a large number are in attendance in the various schools of the University.

Special circulars of the various schools will be sent free upon application to New York University, Washington Square, N. Y. In writing please state which circular is desired. The General Catalogue will be sent upon receipt of twenty-five cents.

I

UNIVERSITY COLLEGE

ANNOUNCEMENTS FOR 1908-09

THE UNIVERSITY COLLEGE

OPENED 1832

Faculty of the College, 1908-1909

- HENRY M. MACCRACKEN, D.D., LL.D.,
Chancellor and Professor of Philosophy; Acting Dean of the Faculty.
- JOHN J. STEVENSON, PH.D., LL.D.,
Professor of Geology.
- DANIEL W. HERING, PH.D., C.E., LL.D.,
Professor of Physics.
- FRANCIS HOVEY STODDARD, PH.D.,
Professor of the English Language and Literature.
- WILLIAM KENDALL GILLET, M.A.,
Professor of the French and Spanish Languages.
- ERNEST GOTTLIEB SIHLER, PH.D.,
Professor of the Latin Language and Literature.
- MARSHALL S. BROWN, M.A.,
Professor of History and Political Science.
- CHARLES L. BRISTOL, PH.D.,
Professor of Biology.
- LAWRENCE A. McLOUTH, B.A.,
Professor of the German Language and Literature.
- SAMUEL MACAULEY JACKSON, D.D., LL.D.,
Schaff Memorial Professor of Church History.
- WILLIAM E. WATERS, PH.D.,
Professor of the Greek Language and Literature and Recorder of the Faculty.
- THOMAS W. EDMONDSON, PH.D.,
Secretary; Professor of Mathematics.
- CHARLES GRAY SHAW, PH.D.,
Professor of Ethics and Assistant Professor of Philosophy.
- ARCHIBALD L. BOUTON, M.A.,
Professor of Rhetoric.
- JOSEPH FRENCH JOHNSON, D.C.S.,
Professor of Political Economy and Finance.
- FREDERICK H. WILKENS, PH.D.,
Associate Professor of German.
- CARL C. LORENTZEN, M.E.,
Associate Professor of Drawing.
- FRANK H. CANN,
Director of Physical Training and Athletics.

- ARTHUR E. HILL, PH.D.,
Associate Professor of Analytical Chemistry.
- ARTHUR B. LAMB, PH.D.,
Associate Professor of Chemistry.
Director of the Havemeyer Laboratory.
- WILLIAM M. CAMPBELL, M.A.,
Assistant Professor of Physics.
- J. LORING ARNOLD, PH.D.,
Assistant Professor of Physics.
- ARTHUR H. NASON, M.A.,
Instructor in English.
- JOHN P. SIMMONS, B.S.,
Instructor in Chemistry.
- LEE GALLOWAY, PH.D.,
Instructor in Economics.
- P. L. THORNE, B.S.,
Instructor in Mathematics.
- G. B. HOTCHKISS, M.A.,
Instructor in English.
- JOHN B. PUTNAM,
Assistant in Biology.
- MAX GORDON,
Assistant in Physical Training.
- FRANK A. FALL, M.A.,
Bursar of the University.
- BELLE CORWIN, M.D.,
Librarian of the General Library.
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For circulars of the University College or School of Applied Science address the Clerk of the Faculty, New York University, University Heights, New York City.

Inquiries respecting admission to University College should be addressed to Chancellor MacCracken, University Heights, New York City. The Chancellor may be seen at his office in the University Library between nine and eleven daily until June 6th, and after September 21st.

The Secretary of the Faculty may be seen at his office in the morning daily except Saturday, during the college year, and also during the Summer School, July 1st-August 11th.

Inquiries respecting rooms should be addressed to the Superintendent of Grounds and Buildings, Albert Woolsey, University Heights, New York City.

UNIVERSITY COLLEGE OF ARTS AND PURE SCIENCE

General Statement

The undergraduate division of New York University was opened in 1832, and for many years had its home in the University Building at Washington Square. In the year 1894 it was removed to University Heights, in the Borough of the Bronx, New York City. The possession of beautiful grounds, with an athletic field and gymnasium, and especially the erection of both University and fraternity residence halls, greatly transformed the life of the College and marked a new era. In this new home the University College of Arts and Pure Science offers to students the advantages of the college life of the independent college in a small town, combined with the advantages that are to be gained from life in the metropolis and from intimate association with the wider intellectual life of a great University.

In its curriculum the University College follows the so-called "Group System," which permits the student to determine the general direction of his study, at the same time giving him the benefits of a carefully-planned, well-rounded and consistent curriculum. Students whose preparation has included both Latin and Greek enter Section A of the Freshman Class. Students who have pursued one ancient language enter Section B. Students who have taken modern languages and advanced mathematics enter Section C. At the end of the Freshman year a student of Section A may choose any one of five groups, a student of Section B any one of eight groups, and a student of Section C any one of four groups. Within each group the courses are in part required and in part elective, being largely elective in the Senior year. A detailed statement of the group system and the various courses of study will be found under the proper headings.

The campus at University Heights is shared also by the University School of Applied Science, for those who wish, upon leaving the High School, to take up professional courses in Civil, Mechanical, or Chemical Engineering. A description of these courses will be found in the bulletin of the School of Applied Science.

These Schools of the University at University Heights offer to the undergraduate exceptional advantages, in the instruction given, in the arrangement of courses, in the beauty of grounds and buildings, in the completeness of equipment, in the social life of the college, in the opportunities for gymnastics and athletics, and in the manifold outside educational forces of a metropolis.

Requirements for Admission

(1) The applicant must present satisfactory written testimonials showing that he is a young man of good moral character. When the applicant comes from another college he must present a certificate of honorable dismissal.

(2) The applicant must have pursued a thorough course of preparatory study and must be proficient in the following subjects :

FOR SECTION A.—English, History (two subjects, one of which shall be Ancient History), Latin, Greek, Algebra, Plane Geometry, Physics.

FOR SECTION B.—English, History (two subjects, one of which shall be Ancient History), Latin or Greek, Elementary French and Elementary German (or Elementary and Intermediate French or Elementary and Intermediate German), Algebra, Plane Geometry, Physics.

FOR SECTION C.—English, History (two subjects), Elementary French, Elementary German, Algebra, Plane Geometry, Solid Geometry, Trigonometry, Physics, or Chemistry.

Detailed definitions, showing what is included under each of the above subjects, will be found given below under the heading "Definition of Requirements."

Evidence of proficiency in these subjects may be given by the candidate in any one of five ways, as follows :

1. By Certificate of an Approved School.—Students from approved secondary schools may be admitted to the Freshman Class upon certificate, without examinations, subject to the following conditions : 1. The application for the admission of a student by certificate must be specific in character, stating that the student has attended the school at least one year, and has completed the subjects required for admission to one of the sections of the Freshman Class. Blank forms of certificate for this purpose will be furnished by the University upon application. 2. The University does not bind itself to accept beyond the current year the certificate of any school in place of examinations, but will continue to accept certificates from those schools which shall have sent to the University students thoroughly prepared, as proved by their standing after admission.

2. By Certificate of the College Entrance Examination Board.—The College Entrance Examination Board is an association of colleges and secondary schools formed to conduct uniform college entrance examinations at numerous points throughout the country. New York University is a member of the association and will admit to University

College students who present a certificate showing that they have passed the Board's examinations in the subjects prescribed by the University for entrance. Students who enter on the Board's certificate, having paid the Board's fee for examination, are exempted from payment of the University matriculation fee. The Board will hold examinations, at University Heights, June, 1909. For further information regarding these examinations, and a complete list of the places where they are held, address the Secretary of the Board, Thomas S. Fiske, Ph.D., Sub-station 84, New York City.

3. By Entrance Examinations of the University College.—No entrance examinations will be held by the University in June in view of the examinations held at the University at that time under the direction of the College Entrance Board. The University will hold examinations in the subjects prescribed for entrance September 21, 22, 23, 24, 25, 1908, at University Heights, as follows:

FIRST DAY—10.30 A.M. to 12.30 P.M., Algebra; 2 P.M. to 4 P.M., Plane Geometry.

SECOND DAY—10.30 A.M. to 12.30 P.M., Latin; 2 P.M. to 4 P.M., German.

THIRD DAY—10.30 A.M. to 12.30 P.M., Greek and French; 2 P.M. to 4 P.M., History.

FOURTH DAY—10.30 A.M. to 12.30 P.M., English Language and Literature; 2 P.M. to 4 P.M., Physics.

FIFTH DAY—10.30 A.M. to 12.30 P.M., Solid Geometry; 2 P.M. to 4 P.M., Trigonometry.

Students may take a part of the examinations as "preliminaries" a year before entrance, but no student will be examined who does not submit a certificate of preparedness for examination in the subject in which the candidate offers himself, from the school last attended.

4. By Diploma of the Regents of the State of New York.—The academic diploma of the Regents will be accepted in satisfaction of the requirements for entrance, when such diploma covers the subjects required for admission to the Freshman class.

5. By Certificate from another College.—A letter from a college maintaining requirements for admission equal to those of the University, stating that the candidate has been admitted to the Freshman class of that institution and is honorably dismissed in order to enter another college, will be accepted in satisfaction of the requirements for entrance.

Definition of Requirements

The subjects required for entrance are more explicitly defined as follows, in accordance with the standard requirements of the College Entrance Examination Board :

I. English

NOTE.—No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom, or division into paragraphs.

a. READING.—The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In every case knowledge of the book will be regarded as less important than the ability to write good English. In preparation for this part of the requirement, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

Candidates should read the books prescribed for the year in which they propose to present themselves for this part of the examination.

In 1909, 1910, and 1911, ten books, selected as prescribed below from the following list, are to be offered for examination :

GROUP I (TWO TO BE SELECTED)

Shakespeare's *As You Like It*, *Henry V*, *Julius Caesar*, *The Merchant of Venice*, *Twelfth Night*.

GROUP II (ONE TO BE SELECTED)

Bacon's *Essays* ; Bunyan's *The Pilgrim's Progress, Part I* ; *The Sir Roger de Coverley Papers* in *The Spectator* ; Franklin's *Autobiography*.

GROUP III (ONE TO BE SELECTED)

Chaucer's *Prologue* ; Spenser's *Faerie Queene* (selections) ; Pope's *The Rape of the Lock* ; Goldsmith's *The Deserted Village* ; Palgrave's *Golden Treasury (First Series)*, *Books II and III*, with special attention to Dryden, Collins, Gray, Cowper and Burns.

GROUP IV (TWO TO BE SELECTED)

Goldsmith's *The Vicar of Wakefield* ; Scott's *Ivanhoe* ; Scott's *Quentin Durward* ; Hawthorne's *The House of the Seven Gables* ; Thackeray's *Henry Esmond* ; Mrs. Gaskell's *Cranford* ; Dickens' *A Tale of Two Cities* ; George Eliot's *Silas Marner* ; Blackmore's *Lorna Doone*.

GROUP V (TWO TO BE SELECTED)

Irving's *Sketch Book* ; Lamb's *Essays of Elia* ; De Quincey's *Joan of Arc and The English Mail Coach* ; Carlyle's *Heroes and Hero Worship* ; Emerson's *Essays* (selected) ; Ruskin's *Sesame and Lilies*.

GROUP VI (TWO TO BE SELECTED)

Coleridge's *The Ancient Mariner*; Scott's *The Lady of the Lake*; Byron's *Mazeppa* and *The Prisoner of Chillon*; Palgrave's *Golden Treasury (First Series)*, Book IV, with special attention to Wordsworth, Keats, and Shelley; Macaulay's *Lays of Ancient Rome*; Poe's *Poems*; Lowell's *The Vision of Sir Launfal*; Arnold's *Sohrab and Rustum*; Longfellow's *The Courtship of Miles Standish*; Tennyson's *Gareth and Lynette*, *Launcelot and Elaine*, and *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Buelyn Hope*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *The Boy and the Angel*, *One Word More*, *Hervé Riel*, *Pheidippides*.

b. STUDY AND PRACTICE.—This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject-matter, form, and structure. In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

In 1909, 1910, 1911, the books set for this part of the examination will be :

Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*, or Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

Either part of the examination may be taken separately.

2. History

(a) Ancient history, with special reference to Greek and Roman history, and including also a short introductory study of the more ancient nations and the chief events of the early Middle Ages, down to the death of Charlemagne (814).

(b) Mediæval and modern European history, from the death of Charlemagne to the present time.

(c) English history.

(d) American history and civil government.

Each of the above topics is intended to represent one year of historical work, wherein the study is given five times per week, or two years of historical work, wherein the study is given three times per week.

3. Latin

- a. i. **LATIN GRAMMAR:** The inflections; the simpler rules for composition and derivation of words; syntax of cases and the verbs; structure of sentences in general, with particular regard to relative and conditional sentences, indirect discourse and the subjunctive.
- ii. **LATIN COMPOSITION:** Translation into Latin of detached sentences and very easy continuous prose based upon Cæsar and Cicero.
- b. **CÆSAR:** Any four books of the *Gallie War*, preferably the first four.
- c. **CICERO:** Any six orations from the following list, but preferably the first six mentioned:—
 The four orations against Catiline, Archias, the Manilian Law, Marcellus, Roscius, Milo, Sestius, Ligarius, the fourteenth Philippic.
- d. **VIRGIL:** The first six books of the *Æneid*, and so much prosody as relates to accent, versification in general, and dactylic hexameter.

4. Greek

- a. i. **GREEK GRAMMAR:** The topics for examination in Greek grammar are similar to those detailed under Latin grammar.
- ii. **ELEMENTARY PROSE COMPOSITION,** consisting principally of detached sentences to test the candidate's knowledge of grammatical constructions.
 The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.
- b. **XENOPHON:** The first four books of the *Anabasis*.
- c. **HOMER:** The first three books of the *Iliad* (omitting II, 494 to end), and the Homeric constructions, forms and prosody.

5. French

a. THE ELEMENTARY REQUIREMENT

THE AIM OF THE INSTRUCTION

At the end of the elementary course the pupil should be able to pronounce French accurately, to read at sight easy French prose, to put into French simple English sentences taken from the language of everyday life, or based upon a portion of the French text read, and to answer questions on the rudiments of the grammar, as defined below.

THE WORK TO BE DONE

During the first year the work should comprise : (1) careful drill in pronunciation ; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions and conjunctions; the order of words in the sentence, and the elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in the memory the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (4) the reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

During the second year the work should comprise: (1) the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches ; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read ; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read ; (4) writing French from dictation ; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are : About's *Le roi des montagnes*, Bruno's *Le tour de la France*, Daudet's easier short tales, La Bédollière's *La Mère Michel et son chat*, Erckmann-Chatrian's stories, Foa's *Contes biographiques* and *Le petit Robinson de Paris*, Foncin's *Le pays de France*, Labiche and Martin's *La poudre aux yeux* and *Le voyage de M. Perrichon*, Legouv   and Labiche's *La cigale chez les fourmis*, Malot's *Sans famille*, Malret's *La t  che du petit Pierre*, M  rim  e's *Colomba*, extracts from Michelet Sarcey's *Le si  ge de Paris*, Verne's stories.

b. THE INTERMEDIATE REQUIREMENT

THE AIM OF THE INSTRUCTION

At the end of the intermediate course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a more thorough knowledge of syntax than is expected in the elementary course.

THE WORK TO BE DONE

This should comprise the reading of from 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories, Augier and Sandeau's *Le Gendre de M. Poirier*, Béranger's poems, Corneille's *Le Cid* and *Horace*, Coppée's poems, Daudet's *La Belle-Nivernaise*, La Brète's *Mon oncle et mon curé*, Madame de Sévigné's letters, Hugo's *Hernani* and *La chute*, Labiche's plays, Loti's *Pêcheur d'Islande*, Mignet's historical writings, Molière's *L'avare* and *Le bourgeois gentilhomme*, Racine's *Athalie*, *Andromaque*, and *Esther*, George Sand's plays and stories, Sandeau's *Made-moiselle de la Seiglière*, Scribe's plays, Thierry's *Récits des temps mérovingiens*, Thiers's *L'expédition de Bonaparte en Égypte*, Vigny's *La canne de jonc*, Voltaire's historical writings.

6. German

a. THE ELEMENTARY REQUIREMENT

THE AIM OF THE INSTRUCTION

At the end of the elementary course in German the pupil should be able to read at sight, and to translate, if called upon, by way of proving his ability to read, a passage of very easy dialogue or narrative prose, help being given upon unusual words and constructions, to put into German short English sentences taken from the language of everyday life or based upon the text given for translation, and to answer questions upon the rudiments of grammar, as defined below.

THE WORK TO BE DONE

During the first year the work should comprise: (1) careful drill upon pronunciation; (2) the memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs; also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word-order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (5) the reading of from 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in the reproduction from memory of sentences previously read.

During the second year the work should comprise: (1) the reading of from 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in the translation into German of easy variations upon the matter read, and also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of the grammar, directed to the ends of enabling the pupil, first, to use his knowledge with facility in the formation of sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen's *Märchen* and *Bilderbuch ohne Bilder*; Arnold's *Fritz auf Ferien*; Baumbach's *Die Nonna* and *Der Schwiegersohn*; Gerstäcker's *Germelshausen*; Heyse's *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern's *Höher als die Kirche*; Jensen's *Die braune Erica*; Leander's *Träumereien*, and *Kleine Geschichten*; Seidel's *Märchen*; Stöckl's *Unter dem Christbaum*; Storm's *Immensee* and *Geschichten aus der Tonne*; Zschokke's *Der zerbrochene Krug*.

Good plays adapted to the elementary course are much harder to find than good stories. Five-act plays are too long. They require more time than it is advisable to devote to any one text. Among shorter plays the best available are perhaps Benedix's *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen*; Elz's *Er ist nicht eifersüchtig*; Wichert's *An der Majorsecke*; Wilhelm's *Einer muss heiraten*. It is recommended, however, that not more than one of these plays be read. The narrative style should predominate. A good selection of reading matter for the second year would be Andersen's *Märchen*, or *Bilderbuch*, or Leander's *Träumereien*, to the extent of, say, forty pages. After that such a story as *Das kalte Herz*, or *Der zerbrochene Krug*; then *Höher als die Kirche*, or *Immensee*; next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess*.

b. THE INTERMEDIATE REQUIREMENT

THE AIM OF THE INSTRUCTION

At the end of the intermediate course the pupil should be able to read at sight German prose of ordinary difficulty, whether recent or classical; to put into German a connected passage of simple English, paraphrased from a given text in German; to answer any grammatical questions relating to usual forms and essential principles of the language, including syntax and word-formation, and to translate and explain (so far as explanation may be necessary) a passage of classical literature taken from some text previously studied.

THE WORK TO BE DONE

The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry,

with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with special reference to the infinitive and subjunctive), and likewise upon word-order and word-formation.

The intermediate course is supposed to be the elementary course, plus one year's work at the rate of not less than four recitations a week. Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach's *Die Freiherren von Gemperlein*; Freytag's *Die Journalisten* and *Bilder aus der deutschen Vergangenheit*—for example, *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Friedrichs des Grossen*; Fouqué's *Undine*; Gerstäcker's *Irrefahrten*; Goethe's *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffmann's *Historische Erzählungen*; Lessing's *Minna von Barnhelm*; Meyer's *Gustav Adolf's Page*; Moser's *Der Bibliothekar*; Riehl's *Novellen*—for example, *Burg Niederck*, *Der Fluch der Schönen*, *Der stumme Ratsherr*, *Das Spielmannskind*; Rosegger's *Waldheimat*; Schiller's *Der Neffe als Onkel*, *Der Geisterseher*; *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Das Lied von der Glocke*, *Balladen*; Scheffel's *Der Trompeter von Säckingen*; Uhland's poems; Wildenbruch's *Das edle Blut*.

7. Mathematics

a. ELEMENTARY ALGEBRA :

- i. ALGEBRA TO QUADRATICS : The four fundamental operations for rational algebraic expressions. Factoring, determination of highest common factor and lowest common multiple by factoring. Fractions, including complex fractions, ratio and proportion. Linear equations, both numerical and literal, containing one or more unknown quantities. Problems depending on linear equations. Radicals, including the extraction of the square root of polynomials and of numbers. Exponents, including the fractional and negative.
- ii. QUADRATICS AND BEYOND : Quadratic equations, both numerical and literal. Simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations. Problems depending on quadratic equations. The binomial theorem for positive integral exponents. The formulas for the n th term and the sum of the terms of arithmetical and geometric progressions, with appli-

cations. It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

- c. **PLANE GEOMETRY:** The usual theorems and constructions of good textbooks, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle. The solution of numerous original exercises, including loci problems. Applications to the mensuration of lines and plane surfaces.
- d. **SOLID GEOMETRY:** The usual theorems and constructions of good textbooks, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle. The solution of numerous original exercises, including loci problems. Applications to the mensuration of surface and solids.
- e. **TRIGONOMETRY:** Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles. Proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of two angles, of the double angle and the half angle the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas. Solution of trigonometric equations of a simple character. Theory and use of logarithms (without the introduction of work involving infinite series). The solution of right and oblique triangles, and practical applications, including the solution of right spherical triangles.

8. Physics

It is recommended that the candidate's preparation in physics should include:

- a. Individual laboratory work, comprising at least thirty-five exercises selected from a list of sixty or more, not very different from the list published by the College Entrance Board.

- b. Instruction by lecture-table demonstrations, to be used mainly as a basis for questioning upon the general principles involved in the pupil's laboratory investigations.
- c. The study of at least one standard textbook, supplemented by the use of many and varied numerical problems, "to the end that the pupil may gain a comprehensive and connected view of the most important facts and laws in elementary physics."

At the time of the examination the candidates must present a note-book in which he has recorded the steps and the results of his laboratory exercises, and this note-book must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's work. It should contain an index of the exercises which it describes. It is practicable for pupils to make the original record of their observations entirely presentable, so that copying will be unnecessary, and they should in general be required to do so. This note-book will be returned at any time within a year at the request of the candidate.

A list of suitable experiments in physics is contained in the definitions of the requirements published by the College Entrance Board.

Requirements for Graduation

The Bachelor's Degrees in Arts and Pure Science are annually conferred at Commencement by the Chancellor upon the vote of the University Council.

The Faculty of Arts and Science will recommend for such degrees students who shall have completed the courses prescribed under some one of the nine groups named hereafter, and who shall in addition have presented a satisfactory thesis upon a subject approved by the Faculty. The student must submit the subject of his thesis, previously approved by his special adviser, to the Dean of the Faculty on or before December 20 of his Senior Year.

A typewritten copy of this thesis on paper of the prescribed size (8 x 10 inches) must be presented to the Dean of the Faculty on or before April 1. The thesis must include not less than two thousand (2,000) nor more than three thousand (3,000) words. The subject of the thesis must be related to one of the principal studies of the group which the student has been pursuing. An essay previously accepted as class work will not be received as a thesis.

Fees

TUITION FEES

Tuition in any of the Groups per year..... \$100.00
One-half payable October 1 and one-half February 1, ten days of grace being allowed, at the end of which time non-payment will debar from classes. This rule applies also to room rents.

MATRICULATION AND INCIDENTAL FEES

Matriculation fee..... \$5.00
 Annual incidental fee, payable October 1..... 20.00
 Fee for Athletic Association for the year..... 5.00
 Diploma fee, covering Commencement charges..... 25.00

FEES FOR LABORATORY MATERIAL

Experimental Chemistry..... \$3.00
 All other chemical laboratory courses, for each term, each course, 10.00
 Physical laboratory, 4 hour course, for each term 5.00
 " " 2 hour course, " " " 3.00
 Biological laboratory, for each term..... 5.00
 Determinative Mineralogy, for each term..... 2.00

Estimate of Necessary Expenses of Students

Exclusive of clothing, laboratory and society fees, and traveling expenses.

	Low.	Moderate.	Liberal.
Tuition.....	\$100	\$100	\$100
Gymnasium and incidental fees.....	25	25	25
Textbooks and stationery.....	12	25	40
Room, light, fuel, and use of furniture...	60	80	125
Board, 36 weeks.....	144	162	180
Washing and sundries.....	15	20	30
	\$356	\$412	\$500

Board and Rooms

UNIVERSITY RESIDENCE HALLS

GOULD HALL. This Residence Hall, the gift of Miss Helen Miller Gould, in memory of her parents, Mr. and Mrs. Jay Gould, was opened Thanksgiving Day, 1896. It is designed for 112 students, and contains in its four stories 48 studies, each with an open fireplace; 64 bedrooms, accommodating 112 bedsteads; 8 bathrooms, most of them with shower baths; 112 clothes closets; 2 reception rooms; the entire

building being thoroughly fireproof. The construction allows a choice of rooms in suites, differently arranged for one, two or three students. Steam heat is introduced into all the studies and bedrooms. Ventilation is aided by the handsome open fireplaces, one in every suite. The floors are of carefully matched hardwood, which may be left uncarpeted and used with rugs. All the rooms are lighted by gas; they are also wired for electric light, which may be substituted for gas. Prices for rooms include light, heat, water, care of room, and use of furniture. Rent varies from \$60 a year, for the smallest single room, to \$225 for the highest priced corner suite. The furniture includes articles deemed necessary, excepting bedclothing and towels.

In the attic is a large trunk room. Two elevators will convey students' trunks to this room for storage. Fuel for grates, which will be charged as an extra, will be carried up by the elevators.

In the basement, which is largely above ground, is the College Music Room, the Periodical Room, etc.

SOUTH HALL. The present year the residence upon the newly-acquired Schwab estate will be available for a residence hall under the name of **SOUTH HALL**.

Diagrams of rooms with prices will be sent upon application to the Secretary of the Faculty, University Heights. Reservations will be made in the order of application.

Rooms in Residence Halls are rented upon the condition that all damage done to room or furniture be made good immediately by the tenant. All damage done to building or contents outside of any student's room, unless made good by the person doing the same, will be assessed by the superintendent of the grounds equally upon the tenants of the Hall or the division of the Hall affected as the authorities may decide. Tenancy of rooms may be terminated by the University at any time for violation of the published rules respecting Residence Halls.

TABLE BOARD

Table board is offered in private families at \$4 and \$5 per week. Commodious houses are owned or rented by several Greek Letter Fraternities, to accommodate their members, affording rooms at prices ranging from \$80 to \$175 a year, including heat, light, and attendance.

Loan Funds

THE DEEMS FUND

Upon the celebration, October 3, 1887, of the twenty-first anniversary of the Church of the Strangers, the late Rev. Dr. Charles F. Deems, its pastor, under whose leadership the church was organized in the Univer-

sity chapel, founded this fund. The moneys constituting it are to be lent from time to time to students, in convenient sums, on satisfactory security, to be repaid with interest, after their leaving college, at a date agreed upon.

THE GOULD FUND

In October, 1896, a loan fund was founded by Miss Helen Miller Gould, from which loans will be made to students of the University on conditions similar to those observed in connection with the Deems Fund.

THE CHARLES FORCE DEEMS MEMORIAL LOAN FUND

Established 1905, as a memorial of their late pastor, Rev. Dr. Charles F. Deems, D.D., LL.D., by the Sisters of the Strangers, a body of devoted women in the Church of the Strangers, New York City. Loans are made to students under the same conditions as those governing the Deems Fund.

Scholarships

All Scholarships may be withdrawn by the College Faculty at any time from the appointee upon his proving unfaithful to his duties as a member of New York University College.

Any one desiring to become a candidate for any one of the following scholarships, except the first named, is requested to address the Chancellor of the University not later than June 1, making a full statement of his attainments and of his plans for college work, and asking such questions as he may desire to have answered in regard to the award of the scholarships.

PREPARATORY SCHOOL PRIZE SCHOLARSHIPS

The University College supports each year twelve or more Preparatory School Prize Scholarships, worth \$400 each, covering the tuition fees of four years. One Prize Scholarship is in the gift of each of several preparatory schools which have sent large numbers of Freshmen to University College, or have sent scholars to win high honors in this College. The Scholarship may be bestowed each year by the principal of the school upon a scholar certified by him as standing in the uppermost third of a class of not less than five members prepared for college. This Scholarship admits to college without examination.

ENTRANCE EXAMINATION PRIZE SCHOLARSHIPS

The University College offers each year a limited number of Prize Scholarships, to be known as the Entrance Examination Prize Scholarships. These Scholarships will be awarded to students making the best record at the supplementary examinations held in October. The

Faculty reserve the right to determine the minimum percentage of excellence for the award of these Scholarships. These Scholarships will each cover the tuition fees for one or more years.

FOUNDATION SCHOLARSHIPS

The University has in its gift a few Scholarships of 1832, which may be given as beneficiary Scholarships in specially deserving cases, each of which provides the Tuition Fees of a student.

THOMAS S. BAILEY SCHOLARSHIP

Founded by Mrs. Hannah Ireland, endowed with \$5,000. The income of the fund "shall be paid to a student in the Department of Arts in said University who may be in preparation for the Gospel Ministry. The bestowment of this Scholarship shall be the prerogative of the Chancellor of the University, who has also power to withdraw its benefit when the recipient has proved himself unworthy."

GOULD MEMORIAL SCHOLARSHIPS

These seven scholarships were founded and endowed with \$6,000 each by Miss Helen Miller Gould, in memory of her father. They are as follows:

I. FIRST JAY GOULD SCHOLARSHIP. II. SECOND JAY GOULD SCHOLARSHIP. III. THIRD JAY GOULD SCHOLARSHIP. The nomination to each of these Scholarships is in the gift of the Founder.

IV. DELAWARE COUNTY SCHOLARSHIP. V. ROXBURY SCHOLARSHIP.

The candidate for the Delaware County Scholarship or for the Roxbury Scholarship must be a resident of Delaware County, New York, and a certain preference among candidates will be shown to residents of Roxbury and vicinity in said county.

VI. WESTERN SCHOLARSHIP.—The candidate for the Western Scholarship must be a resident upon the line of the Missouri Pacific Railway system, including the Iron Mountain Railway and leased lines. A certain preference among candidates will be shown to sons of persons connected with the railways above named.

VII. SOUTHWESTERN SCHOLARSHIP.—The candidate for the Southwestern Scholarship must be a resident upon the line of the Texas Pacific, the St. Louis Southwestern, or the International and Great Northern Railway. A certain preference among candidates will be shown to sons of persons connected with the railways above named.

NORTHROP SCHOLARSHIP

Founded by Miss Ida Northrop and endowed with \$5,000. The nomination to this Scholarship is in the gift of the Founder.

RALPH HOOVER SHAW SCHOLARSHIP

Founded by Professor and Mrs. Edward R. Shaw, in memory of their son, who died January 2, 1899, a member of the Class of 1900. Endowed with \$2,500 to cover the yearly tuition of a deserving student in need of aid. Preference is given to applicants from Bellport, L. I., and from Yonkers, N. Y.

IRVINGTON AND TARRYTOWN SCHOLARSHIPS

Founded by Miss Helen Miller Gould. The former scholarship is awarded to one of the young men of the graduating class of the Irvington High School at Irvington, N. Y., and the latter in like manner to one of the young men of the graduating class of the Washington Irving High School at Tarrytown, N. Y., the scholar to be selected by the Principal of the school and the Board of Education in charge of the school. Should the appointee from the graduating class be unable to avail himself of the scholarship, an alternate is to be appointed by the Principal and the Board from among the graduates of the school. The appointee is to hold the scholarship for the full College course of four years. In case either scholarship is not filled under the above rules, the University will award the same to some deserving student, but for the period of one year only. Each scholarship is endowed with \$6,000.

THE CLASS OF '90 SCHOLARSHIP

Founded in 1905 by a gift of \$1,000 by the Class of 1890. The income of the fund is to be used to pay in part the tuition of a student in the University College, School of Applied Science, or Graduate School, preference being given to any student recommended by the Class of 1890.

THE CATLIN MEMORIAL SCHOLARSHIPS

Founded in 1907 by a bequest of \$10,000, by the late Miss Catherine L. R. Catlin, in memory of her brother, Charles M. Catlin, who graduated from the University College of Arts and Pure Science in 1848 with the degree of Bachelor of Arts, who received the degree of Master of Arts in 1851, and died in 1871. The income of the fund is for the perpetual maintenance of tuition scholarships, at least one of which shall be awarded each year to a deserving student of the College of Arts and Pure Science.

Prizes

FRESHMAN ENTRANCE EXAMINATION PRIZES

A prize of \$100 will be given to the Freshman passing the best Supplementary Examination. This prize is the gift of an alumnus of the New

York University College of Arts. One-half the sum will be paid upon the announcement of the result of the examinations, the other half at the end of the Freshman year. But the second half will not be paid unless the candidate shall have maintained creditable standing and deportment throughout the Freshman year.

The prizes will be awarded according to the results of supplementary examinations to be held in October. Candidates for Freshman standing may enter their names with the Secretary of the Faculty as competitors at any date previous to the examinations. These examinations will be conducted in such manner in each branch of study as the professor in charge shall appoint. Each candidate must take examinations in four subjects: Mathematics (Algebra and Plane Geometry); English; two languages chosen by the candidate from Greek, Latin, German and French, these branches to have equal weight in determining the result. The scope of the examination is given under *Definition of Requirements for Entrance*. The examinations are held, beginning the third Monday in October at 2.15 P.M., as follows: Monday, Mathematics; Tuesday, Greek and French; Wednesday, Latin; Thursday, English; Friday, German.

University College students entering this competition will be considered as candidates for the Entrance Examination Prize Scholarships.

EUCLEIAN PRIZES

A. Ogden Butler Trust

This trust, consisting of \$5,000, is held by the University for the benefit of the members of certain societies. One-seventh of the income from that half of the same which is held for the Eucleian Literary Society is devoted by the will of the Founder, A. Ogden Butler, a member of the Class of 1853, who died in 1856, to "Annual prizes to those two acting members of the Society who may in each year be the authors of the two best essays on any subject, of which the Chancellor of the University, with the Professors of Belles-Lettres and Greek, shall be the judges."

These prizes are given under the following rules:

1. All essays in competition in any year shall be put into the hands of the Professor of Belles-Lettres not later than three months before Commencement.
2. The prizes shall be conferred at Commencement, and the names of the recipients included in the annual catalogue.

GERMAN PRIZE

A prize of the value of \$50, founded by Mr. Herman Ridder, will be awarded at Commencement, for the best essay on some topic connected

with German literature. The subject for 1908-9 is: "Figures of Speech in Schiller's Ballads." The competition is open to all students who take German.

SANDHAM ORATION PRIZES

The income of the George Augustus Sandham fund is devoted to the maintenance of an oratorical contest open to Seniors and Juniors in the University College and in the School of Applied Science. Two prizes, of \$75 and \$25, respectively, will be awarded on the basis of excellence in the composition and delivery of original orations. The conditions of the competition are as follows:

1. The orations are to be on subjects chosen by the writers.
2. The orations are to contain not less than 700 nor more than 1,300 words.
3. The orations submitted for the contest are to be mailed to the English Department not later than April 1.
4. The orations are to be signed with a fictitious name; and the fictitious name, with the name of the writer is to be written on a card and inclosed in an envelope, on the outside of which is to be inscribed the title of the oration. This envelope is to be mailed with the oration.

The orations thus sent in will be submitted to a committee of judges, who will select a number, not to exceed eleven, on the basis of excellence in composition. The orations will then be returned to their authors, and the men thus designated will prepare their compositions for oral delivery at a preliminary contest, which will take place early in May. At this contest, and also at the final test, the excellence of the delivery will have equal weight with the excellence of composition in determining the decision of the judges. These judges will choose six men to speak for the prizes at the final contest, which will take place on Monday of Commencement Week in the Auditorium.

THE FREDERICK SEWARD GIBSON PRIZE

This prize, being seventy (70) dollars, or the income of fifteen hundred (1500) dollars, was founded in 1901 from the estate of the late Frederick Seward Gibson, of the class of 1896, and is offered annually to undergraduates who are members in regular standing of the Senior class in the University College.

The prize is offered for an essay of high literary merit on a subject proposed by the Professor of English Literature as a proper subject for treatment in a literary form and approved by the College Faculty.

The essays offered in competition for this prize should contain not more than five thousand words, be signed with a fictitious name, and de-

livered to the Dean of the College not later than the first day of April. The award will be made by judges appointed by the Professor of English Literature and the Dean of the College, and will be announced at Commencement.

THE JAMES GORDON BENNETT PRIZE

This prize was established May, 1893, by Mr. James Gordon Bennett for "the best essay in English prose upon some subject of American governmental, domestic, or foreign policy of contemporaneous interest." The prize will be awarded at Commencement, in accordance with the following rules:

1. Competition to the prize shall be open to any "undergraduate student of the Senior Class, or special student of two years' standing, who shall have taken the prescribed course of the institution in Political Science and English Literature."

2. The subject shall be announced by the Faculty not later than the first day of July.

3. Competitors shall hand in their names to the Dean on or before the first day of January.

4. All essays in competition for the prize must be typewritten on white letter-paper of the prescribed size. A sample will be found in the Library.

5. The essays shall contain not less than two thousand five hundred (2,500) words, nor more than five thousand (5,000) words.

6. The essays shall be handed to the Dean on or before the first day of February.

7. Each essay shall be signed with an assumed name, and shall be accompanied by a sealed envelope indorsed with the said assumed name and containing the true name of the author.

8. The Committee of Award shall consist of the Professors of English Literature, of Political Science, and of History, or shall be a special committee appointed by the Faculty.

9. The announcement of the award shall be made on Commencement Day. The prize is \$50 or the income of \$1,000.

The subject assigned by the Faculty for the year 1908-1909 is "History of State Regulation of Public Service Corporations in the United States."

THE SAMUEL F. B. MORSE MEDAL

Professor S. F. B. Morse provided in his will for a gold medal to be awarded for excellence in scholarship. In honor of the founder and his great contribution to the Science of Physics, the medal will be

awarded to the student showing special ability in that department. In the award of the medal general scholarship will be allowed to weigh in proportion to scholarship in Physics as one to two.

Fellowships

A. OGDEN BUTLER FELLOWSHIPS

Two Fellowships, founded by Mr. Charles Butler, are offered each year to students completing the course in Arts, as incentives to Graduate Study; namely,

The A. Ogden Butler Classical Fellowship, endowed with \$6,000.

The A. Ogden Butler Philosophical Fellowship, endowed with \$6,000.

These Fellowships are equal in rank, and will be bestowed by the Faculty upon two members of the graduating class, standing as to scholarship in the uppermost third of the class. A student in order to receive the award of a Fellowship must have made such attainments in scholarship as, in the judgment of the Faculty, will justify him in pursuing advanced studies in the Liberal Arts. Further, the student must have enrolled himself as a candidate for the degree of Master from the University under such rules as may be prescribed. The work of the Fellow shall include research in the line of study for the encouragement of which the Fellowship is founded, and shall also include teaching duties such as the Chancellor may appoint.

In case in any year the Fellowship be not awarded or the income of an awarded Fellowship become not payable because its incumbent has not met the conditions named, then the income of such fellowship shall be devoted to the fund for Graduate Scholarships.

WILLIAM H. INMAN FELLOWSHIP

Founded by Miss Inman

The principal of this fund, amounting to \$5,000, is held by the University, the income arising from the same to be used for the support of the William H. Inman Fellowship. This fellowship is to be awarded to a student completing an undergraduate course whose scholarship places him in the foremost third of his class, and whose attainments are such, in the judgment of the Faculty, as will qualify him to pursue advanced studies in Science. Further, the student must have enrolled himself as a candidate for the degree of Master from the University, under the rules prescribed. Further, he must serve for one year as a Demonstrator or Assistant in the Laboratory of Analytical Chemistry. But the last-named condition may, for sufficient reasons, be suspended by action of the Faculty.

The tenure of the Fellowship is for one year, and it is to be known upon the Records of the University and announced in each annual Catalogue as the William H. Inman Fellowship.

General Announcements

DISCIPLINE

Each student upon entering is required to sign his name in the Matriculation Book, subscribing the following pledge :

" We, whose names are hereunto attached by our personal signature, being applicants for admission to the University College of Arts and Pure Science of New York University, do hereby pledge ourselves, on being admitted, to conform strictly and at all times to the Rules of the Institution, and by all proper means to promote its best interests."

Each student is thereupon assigned to a member of the Faculty, who is to act as his Special Adviser. The student must obtain from this Special Adviser the indorsement of his choice of studies, and of any subsequent alteration therein, and of any especial action desired from the Faculty, before its submission to that body.

Every student is required to register with the Recorder of the Faculty within five days of the opening of each fall term, and at that time to give written notice of his choice of studies as approved by his Special Adviser. "A fine of five dollars will be imposed on each student who fails to comply with the provisions of the above rule. The Chancellor alone has the power of remitting this fine."

The Rules of the Faculty provide for prompt correspondence with the parent or guardian of each student in any case requiring it, and especially in case of unexcused absence or serious deficiencies in scholarship.

No body of students shall participate in any public game, or contest, or entertainment, without previously obtaining the consent of the Faculty.

Every student organization shall keep with the Faculty a correct and complete list of its members and its responsible managers.

For failure to comply with these or any special rules which may be prescribed by the Faculty for such an organization, the officers or managers of the offending body will be held personally responsible.

A complete printed copy of the rules governing students of the University College may be secured from the Secretary of the Faculty.

TERM REPORTS, EXAMINATIONS, ETC.

The name of each student admitted to the University College is entered by the Recorder of the Faculty upon a page of the register, which page is reserved for that student. Here are recorded the conditions under which the student has been admitted ; the result of every examina-

tion required of the student ; a copy of any action that may have been taken by the Faculty respecting him, whether concerning his scholarship, attendance or behavior. This page will be submitted upon request to the student's parent or guardian. The last week of each term, examinations are held, covering, in the case of each student, all the branches of study pursued by him. In form they are in part oral, in part written.

If a student fail to pass an examination in a subject which is continued by the class, he must make up the deficiency within three weeks after being notified, otherwise he will be excluded from further attendance in that study. In case the failure occurs at an examination which marks the termination of a subject he will not be credited with that subject until he shall have made up his deficiency at a subsequent regularly appointed examination.

A student who shall stand charged at any time with three or more conditions or deficiencies will be required to join a lower class. A student will also be required to join a lower class if he does not make up a condition within two years from the time of its occurrence.

Entrance conditions shall be regarded as deficiencies after the beginning of the second term of the Freshman year.

Every student must take at least fifteen hours per week, unless a special schedule for a smaller number of hours is approved by the Faculty.

TERMS AND VACATIONS

The year is divided into two terms :

The First Term begins on the fourth Wednesday of September, and continues until the nineteenth Friday thereafter.

The Second Term begins on the Monday after the close of the First Term, and continues until Commencement, the eighteenth succeeding Wednesday.

The summer vacation extends from Commencement Day until the beginning of the First Term. The Christmas recess extends from Christmas to New Year's Day, inclusive.

In addition to the vacations, the following holidays in term time are marked by a suspension of exercises, to wit: Washington's Birthday, Good Friday and the following Monday, Decoration Day, Election Day, Thanksgiving Day and the Friday succeeding. There are no undergraduate exercises on Saturdays.

COLLEGE PRAYERS

Daily attendance at Morning Prayers, or an alternative duty, as described below, is required of every student, except seniors enrolled in a University professional school down town. These chapel exercises are

held from 10.15 to 10.30 each morning. For every fifteen absences, a student will be required to hand in within ten days after the fifteenth absence an original theme of 800 to 1,000 words upon a subject assigned him by the Chancellor, touching morals and religion. This theme will be graded according to its merits and awarded the same weight in determining the student's standing as if it were a course requiring fifteen hours' recitation. Two failures in a term to hand in themes will be entered as a condition, being treated as a failure in a term examination. Where a student is absent from College for five or more days continuously, with a good excuse, his Chapel absences will be excused also. Where a student is absent from College less than five days continuously, even though excused, his absences from Chapel will be counted.

YOUNG MEN'S CHRISTIAN ASSOCIATION

A branch of this Association has been established by a body of students. There is held under its auspices a weekly prayer-meeting every Thursday evening at 7.30 in their hall. Association Hall offers an assembly room, a social room and a room for games, for the use of all students who may become members of the Association. A Bible Class is held in the social room every Sunday morning. A Secretary of the Association has been appointed by the University.

LITERARY AND MUSICAL SOCIETIES

The Eucleian Literary Society meets in its hall each Friday at 3 o'clock for an hour of debate, preceded by essays and orations. The Society owns a large library of standard works which is increased from year to year by the income of the A. Ogden Butler bequest.

Students of the Department of Philosophy have organized a philosophical club, which meets weekly for the discussion of philosophical problems.

The students maintain Glee, Banjo, and Mandolin Clubs. A competent director is secured and concerts are given in neighboring cities and at home. The Music Room in Gould Hall is equipped with a fine piano for the use of these organizations.

Work in the Literary and Musical Societies and on the college publications is encouraged as part of college training.

The Violet is the college annual and is published each year by the Junior class.

Physical Training and Athletic Sports

The College Gymnasium at University Heights is a building measuring 60 feet by 100 feet, with a running track in the gallery upon which twenty laps make one mile. Sets of apparatus of the latest patterns have been provided by the liberality of Mr. David Banks, President of the Athletic Association. The building, which is heated by steam and

lighted by electricity, has a floor surface of 6,000 square feet and contains director's office, examination room, dressing-rooms, and bath rooms. In the dressing-rooms are ample locker accommodations.

The Athletic Ground is called the Ohio Field, in honor of several former residents of Ohio, for many years citizens of New York, who contributed toward the establishment of University Heights. This field has a quarter-mile cinder track, and ample space for football, baseball, and general athletics. There has recently been added a covered grandstand with a seating capacity of 1,200. Upon the west side of the Ohio Field is the lawn tennis ground, comprising four courts, each of the full regulation size.

Gymnastic exercise of one hour's duration is required on three afternoons weekly from Freshmen, and on two afternoons weekly from Sophomores during the period from November 1 to April 1. The work for Juniors and Seniors is elective.

Undergraduate students at the beginning of their Freshman Year undergo a physical examination, and a complete record is made of their physical condition. This examination is repeated from time to time, and valuable information concerning the growth and development of the individual is thus obtained. From these figures an anthropometric chart is made out, which shows the relation of the individual to the normal standard, or average in size, strength, and symmetry, and points out the deficient parts, for which exercises are prescribed.

Exhibitions and contests are held at various times throughout the year. Prizes are awarded at the end of the year to students showing the greatest improvement in physical condition.

Athletic Sports in the University are under the direction of the University Athletic Association, the Faculty of Arts and Science, and the Director of Athletics, Mr. Frank Cann.

Grounds and Buildings

The Campus at University Heights is a tract of thirty-eight acres situated upon the bluff overhanging the eastern bank of the Harlem River, at an elevation of one hundred and seventy-five feet, and commands beautiful views in all directions. The grounds have been carefully graded, walks and roads laid out, trees and shrubs planted, and with the beautiful, broad lawns and fine outlook compare favorably with any college campus in the world. A description of the athletic field and tennis courts will be found above.

The Memorial Library, begun in 1895 and completed in 1900, is one of the five or six greatest library buildings in the United States. Its general reading room is second in beauty to few, if any, rooms of similar character in the world. In addition to the library proper the building

contains the University Auditorium, with a seating capacity of fifteen hundred, and several rooms for administration offices. The building was the gift of Miss Helen Miller Gould, in memory of her parents, Mr. and Mrs. Jay Gould.

The Hall of Fame, comprising Museum and Colonnade, just west of the Library, is unique among college buildings, and is too well known to require description. The Hall of Fame has an important educational function for the students of the College and is rich in inspiration.

Language Hall is devoted entirely to class-rooms and to the private offices of professors. It is a model fire-proof building, equipped with the latest systems of heating and ventilation.

The Havemeyer Chemical Laboratory is a building devoted exclusively to the laboratories and class-rooms of the Department of Chemistry; a full description will be found on the following page.

Charles Butler Hall is the old mansion which was standing on the grounds at the time of the University's purchase. It has been remodeled for the class-rooms and laboratories of the Department of Physics.

Gould Hall, the new Residence Hall, stands on the eastern edge of the Campus, nearly a quarter of a mile distant from the Library. It is fully described elsewhere.

The Andrew H. Green Memorial Laboratory, erected 1904 by Mr. Frederick W. Devoe, has drawing-rooms on the first floor, and the laboratories and lecture-room of the Department of Biology on the second floor.

The Gymnasium, Association Hall, and the Engineering Building are all wooden buildings, hurriedly adapted for the temporary accommodation of these departments in the short time allowed for the removal of the College in 1894. It is hoped that they may gradually be replaced by permanent buildings. In the meantime they furnish very satisfactory accommodations for these departments, giving large floor space, being well lighted, and being heated, as are all the University buildings, from a central heating plant.

Library and Laboratory Facilities

The University Library, at University Heights, contains fifty-eight thousand volumes, and includes the Oswald Ottendorfer Library of Germanic Literature, the La Garde Library of Semitic Languages, and the Hübner Classical Library. Eighteen departments have each their own seminar rooms. These Seminar Rooms contain the working libraries of the departments, and are open to advanced students.

The library is catalogued according to the Dewey decimal system. Books may be drawn by students for use in their rooms.

The Reading Room, for newspapers and magazines, is situated in the gallery of the Auditorium. Here will be found daily and weekly papers, and the best popular magazines, and domestic and foreign scientific reviews. The income of the *Burritt Hamilton Shepard Fund*, which was established upon Founders' Day, April 18, 1889, by the late Mr. Elliott F. Shepard, in memory of his brother, who died while a student of the University, is devoted entirely to supplying the Reading Room.

The Havemeyer Chemical Laboratory, provided by the liberality of Mr. William F. Havemeyer, in memory of his father and brother, is a building three stories in height and occupies an area of sixty by seventy feet. The lowest story contains workshops and store-rooms as well as an even temperature room for gas analysis and an Assay Laboratory. The next floor contains a spacious lecture room, with all appliances for lighting and ventilation, as well as for experimentation in pure and applied chemistry; a laboratory for advanced work in chemical research, and the private laboratory of the Professor of General Chemistry. The top floor contains the private laboratory of the Professor of Analytical Chemistry, and large laboratories for qualitative and quantitative analysis, together with a balance room, a room for work with noxious gases, and a library. All the laboratories are provided with the usual appliances, as well as with lines conveying steam, compressed air, and suction, to the various desks, and oxygen and other gases to appropriate working tables. The ventilation throughout is by forced draft.

The Laboratory of the Department of Geology and the Geological Museum are located in the Museum of the Hall of Fame temporarily. The collection numbers about 30,000 specimens, and the laboratory is equipped with machinery for cutting and polishing rocks and fossils.

The Laboratory of the Department of Physics occupies three floors in Charles Butler Hall. The laboratory of tests is in the Engineering Building. They are equipped with the usual apparatus, and are sufficiently large to allow the individual student space for any original investigations.

The Laboratory of Biology occupies the entire second floor of the Green Laboratory building and is equipped with a small vivarium, the necessary microscopes and microtomes and supplied with abundant material for the work in this department. The Museum is enriched from year to year by collections made at the University Station in Bermuda.

OUTLINE OF COURSES

Freshman Year

Upon admission to the Freshman Class the student must enter that section of the class for which he has passed the examinations. All the studies in each section are prescribed. Section A requires both Greek and Latin. Section B substitutes for Greek or for Latin either German or French. Section C replaces the ancient languages with the modern, and in addition requires subjects introductory to the Scientific Groups. These additional subjects are optional for Sections A and B.

The numerals after subjects refer to the courses as described on subsequent pages.

Section A

(The figures in the summary show hours weekly.)

<i>First Term.</i>		<i>Second Term.</i>	
Greek, 1	3	Greek, 2	3
Latin, 1	3	Latin, 2	3
English, 3	2	English, 2, 4	3
History, 1	2	Mathematics, 2a, with Biology, 2,	
Mathematics, 1a or 1	4	or Mathematics, 2	5 or 4
Geology, 1	2	Chemistry, 2	2
and one elective each term out of the following :			
German, 1	3	German, 2	3
French, 1	3	French, 2	3
	<hr/> 19		<hr/> 19 or 18

Section B

<i>First Term.</i>		<i>Second Term.</i>	
English, 3	2	English, 2, 4	3
History, 1	2	Mathematics, 2a, with Biology, 2,	
Mathematics, 1a or 1	4	or Mathematics, 2	5 or 4
Geology, 1	2	Chemistry, 2	2
and one elective each term out of the following :			
Greek, 1	3	Greek, 2	3
Latin, 1	3	Latin, 2	3
and two electives each term out of the following, including at least one advanced course :			
German, 1	3	German, 2	3
German, 3	3	German, 4	3
French, 1	3	French, 2	3
French, 3	3	French, 4	3
	<hr/> 19		<hr/> 19 or 18

Section C

<i>First Term.</i>		<i>Second Term.</i>	
English, 3.....	2	English, 2, 4.....	3
German, 3.....	3	German, 4.....	3
French, 3.....	3	French, 4.....	3
History, 1.....	2	Mathematics, 2.....	4
Mathematics, 1.....	4	Chemistry, 2.....	2
Geology, 1.....	2	Biology, 2.....	2
Drawing, 1.....	1	Drawing, 2.....	1
	<hr/> 17		<hr/> 18

Sophomore, Junior, and Senior Years

At the beginning of the Sophomore year the student must enter one of the nine parallel groups arranged for the last three years of undergraduate study. They are numbered and named as follows:

- | | |
|------------------------------|-------------------------------|
| I. Classical. | VI. Philosophical-Scientific. |
| II. Classical-Scientific. | VII. Natural Science. |
| IV. Language and Literature. | VIII. Exact Science. |
| V. Historical-Philosophical. | IX. Medical-Preparatory. |

A student who has completed Section A of the Freshman studies becomes a candidate for the degree of Bachelor of Arts upon completion of Group I., II., IV., V., or IX. A student who has completed Section B of the Freshman studies becomes a candidate for the degree of Bachelor of Arts upon completion of Group I., II., IV., or V.; or for the degree of Bachelor of Science upon completion of Group VI., VII., VIII., or IX. A student who has completed Section C of the Freshman studies becomes a candidate for the degree of Bachelor of Science upon completion of Group VI., VII., VIII., or IX.

Students may be transferred from one Group to another only with the consent of the Faculty, and no petition for this purpose will be considered by the Faculty unless it is indorsed by the student's Special Adviser and reaches the Recorder or Secretary within two weeks of the opening of the term.

Any change from one Group to another shall be permitted only upon the distinct understanding that all the subjects prescribed in the Group finally chosen shall be completed before graduation, and no studies belonging to the other Group shall be considered equivalents therefor. Permission to change from any Group shall in no way remove the failures previously incurred; these must be regularly made up even if the studies do not belong in the new Group.

The minimum number of weekly exercises which will be reckoned for a year's work toward the attainment of a degree is fifteen hours; the maximum, twenty-one hours. But in laboratory work more extended periods of time may be included.

In making his choice the student must consult his Special Adviser, must avoid conflict of hours, and must elect such studies as manifestly will be profitable to him.

Every student must take at least fifteen hours per week, unless a special schedule for a smaller number of hours is approved by the Faculty.

Seniors receiving special permission of the faculty may elect as part of their required work certain of the Graduate Courses of instruction. A Course so taken will be counted as part of the required work for the degree of Bachelor, but not as part of the preparation for the degree of Master or Doctor. In the announcements of the Graduate School every course open to election by Seniors under this rule is marked with an asterisk.

Students who may have completed the first three years of college work without conditions may elect for their Senior year the following arrangement :

1. Not less than three hours each week (besides the time required for the Bachelor's Thesis) from among the undergraduate courses not already taken by them. These three hours must be given to Political Science, if that subject shall not already have been taken.

2. In place of other work in the University College, the first year's work of either the University Medical College, the University Law School, the University School of Pedagogy, or any one of the Theological Seminaries represented in the University Senate may be pursued. The election of the first year's work in the University and Bellevue Hospital Medical College is mainly intended for, though not limited to, undergraduates in Group IX.

Upon the completion of the required college work to the satisfaction of the Faculty, and the presentation of a certificate from the Faculty of one of the professional schools above named testifying to the completion of the first year's course of the school, the candidate will be eligible for the Bachelor's Degree.

Students under twenty-one years of age must bring the written request of parents or guardians in order to obtain permission to elect the first year of a professional school, as a part of the fourth year of the undergraduate course.

It is strongly urged that students should plan to give their entire fourth year to college work proper, unless exceptional attainments and maturity of age make professional study advisable.

ARRANGEMENT OF SUBJECTS IN GROUPS

Group I.—Classical

SOPHOMORE YEAR

<i>First Term.</i>		<i>Second Term.</i>	
Greek, 3.....	4	Greek, 4.....	4
Latin, 3.....	4	Latin, 4.....	4
English, 5.....	2	English, 12.....	2
Philosophy, 1.....	1	Philosophy, 2.....	2
History, 11.....	1	History, 2.....	2
Physics, 1.....	1	Physics, 2.....	1
and one elective each term out of the following:			
German, 3 or 5.....	3	German, 4 or 6.....	3
French, 3 or 5.....	3	French, 4 or 6.....	3
	<u>16</u>		<u>18</u>

JUNIOR YEAR

<i>First Term.</i>		<i>Second Term.</i>	
Greek, 5 or 7, with 9 or 11.....	4	Greek, 6 or 8, with 10 or 12.....	4
Latin, 5 or 7.....	3	Latin, 6 or 8, with 10 or 12.....	4
English, 7, 13.....	4	English, 8, 14.....	3
Philosophy, 5.....	2	Philosophy, 6.....	2
Political Science, 3.....	3	Political Science, 4.....	3
	<u>16</u>		<u>16</u>

SENIOR YEAR

<i>First Term.</i>		<i>Second Term.</i>	
Greek, 5 or 7, with 9 or 11.....	4	Greek, 6 or 8, with 10 or 12.....	4
Latin, 5 or 7.....	3	Latin, 6 or 8.....	3
		Thesis.....	1
	<u>7</u>		<u>8</u>

and sufficient hours each term to bring the total up to fifteen from among any of the undergraduate courses which the student has not already pursued, and for which he is qualified, or from among courses offered to undergraduates by any of the other Faculties of the University.

Group II.—Classical-Scientific

SOPHOMORE YEAR

<i>First Term.</i>		<i>Second Term.</i>	
Greek, 3.....	4	Greek, 4.....	4
Latin, 3.....	4	Latin, 4.....	4
English, 5.....	2	English, 12.....	2
Philosophy, 1.....	1	Philosophy, 2.....	1
and one elective each term out of the following :			
Physics, 3, with Philosophy, 3 .	5	Physics, 4, with History, 2	6
Physics, 1, with Chemistry, 5, 3 .	5	Physics, 2, with Chemistry, 4, 6 .	5
	16		16 or 17

JUNIOR YEAR

<i>First Term.</i>		<i>Second Term.</i>	
Greek, 9 or 11.....	1	Greek, 10 or 12	1
English, 7, 13.....	4	Latin, 10	1
Philosophy, 5.....	2	English, 8, 14.....	3
Geology, 3.....	3	Philosophy, 6.....	2
		Geology, 4, 8.....	3
and one elective in each turn out of the following :			
Greek, 5 or 7.....	3	Greek, 6 or 8	3
Latin, 5 or 7.....	3	Latin, 6 or 8.....	3
and one elective in each term out of the following :			
Physics, 5.....	4	Physics, 6.....	4
Chemistry, 7, with History, 11 .	4	Chemistry, 8, with History, 2 .	5
	16 or 17		17 or 18

SENIOR YEAR

<i>First Term.</i>		<i>Second Term.</i>	
Greek, 9 or 11.....	1	Greek, 10 or 12	1
Political Science, 3.....	3	Political Science, 4.....	3
Geology, 9.....	1	Geology, 10.....	1
		Thesis	1
and one elective each term out of the following :			
Greek, 5 or 7.....	3	Greek, 6 or 8	3
Latin, 5 or 7.....	3	Latin, 6 or 8.....	3
	8		9

and sufficient hours each term to bring the total up to fifteen from any of the undergraduate courses which the student has not already pursued, and from which he is qualified, or from among courses offered to undergraduates by any of the other Faculties of the University.

Group IV.—Language and Literature

SOPHOMORE YEAR

<i>First Term.</i>		<i>Second Term.</i>	
English, 5	2	English, 12	2
English, 15 or 17	2	English, 16 or 18	2
Philosophy, 1	1	Philosophy, 2, 4	2
History, 3, 11	3	History, 2	2
Physics, 1	1	Physics, 2	1
and two electives each term out of the following :			
Greek, 1 a	3	Greek, 2 a	3
Greek, 3	4	Greek, 4	4
Latin, 3	4	Latin, 4	4
German, 5	3	German, 6	3
French, 5	3	French, 6	3
<hr/>		<hr/>	
15 or 17		15 or 17	

JUNIOR YEAR

<i>First Term.</i>		<i>Second Term.</i>	
English, 7, 13	4	Latin, 10	1
Philosophy, 5	2	English, 8, 14	3
Political Science, 3	3	Philosophy, 6	2
		Political Science, 4	3
		Comparative Philology, 2	1
and at least eight hours each term from among the following electives :			
Greek, 1 a	3	Greek, 2 a	3
Greek, 5 or 7	3	Greek, 6 or 8	3
Greek, 9 or 11	1	Greek, 10 or 12	1
Latin, 5 or 7	3	Latin, 6 or 8	3
English, 15 or 17	2	English, 16 or 18	2
German, 7 or 9	2	German, 8 or 10	2
German, 11 or 13	2	German, 12 or 14	2
French, 7	2	French, 8	2
Spanish 1	2	Spanish, 2	2
<hr/>		<hr/>	
17		17	

SENIOR YEAR

<i>First Term.</i>		<i>Second Term.</i>	
English, 19	2	English, 20	2
		Thesis	1
and two electives each term out of the following :			
Greek, 5 or 7	3	Greek, 6 or 8	3
Latin, 5 or 7	3	Latin, 6 or 8	3
German, 7 or 9	2	German, 8 or 10	2
French, 9	2	French, 10	2
Spanish, 1	2	Spanish, 2	2
<hr/>		<hr/>	
6 or 8		7 or 9	

and sufficient hours each term to bring the total up to fifteen from any of the undergraduate courses which the student has not already pursued, and for which he is qualified, or from among courses offered to undergraduates by any of the other Faculties of the University.

Group V.—Historical-Philosophical**SOPHOMORE YEAR***First Term.**Second Term.*

English, 5.....	2	English, 12.....	2
Philosophy, 1.....	1	Philosophy, 2.....	1
History, 3, II.....	3	History, 2, 12.....	3
Political Science, 1.....	2	Political Science, 2.....	2
Physics, 1.....	1	Physics, 2.....	1
and two electives each term out of the following :			
Greek, 1 a.....	3	Greek, 2 a.....	3
Greek, 3.....	4	Greek, 4.....	4
Latin, 3.....	4	Latin, 4.....	4
German, 5.....	3	German, 6.....	3
French, 5.....	3	French, 6.....	3

15 or 17

15 or 17**JUNIOR YEAR***First Term.**Second Term.*

English, 7, 13, with 15 or 17....	6	English, 8, 14.....	2
Philosophy, 5.....	2	Philosophy, 6.....	3
Political Science, 3.....	3	Political Science, 4, 6.....	5
and one elective each term out of the following :			
History, 5 or 7.....	3	History, 6 or 8.....	3
Philosophy, 11, with 7 or 9....	3	Philosophy, 12, with 8 or 10...	3
and at least four hours each term out of the following electives :			
Greek, 1 a.....	3	Greek, 1 a.....	2
Greek, 5 or 7.....	3	Greek, 6 or 8.....	3
Greek, 9 or 11.....	1	Greek, 10 or 12.....	1
Latin, 5 or 7.....	3	Latin, 6 or 8.....	3
German, 7 or 9.....	2	English, 16 or 18.....	2
French, 7.....	2	German, 8 or 10.....	2
Spanish, 1.....	2	French, 8.....	2
		Spanish, 2.....	2

18

17**SENIOR YEAR***First Term.**Second Term.*

Political Science, 7.....	2	Political Science, 8.....	2
and an elective each term out of the following :			
History, 5 or 7.....	3	History, 10, with 6 or 8.....	5
Philosophy, 3 a and 7 or 9....	3	Philosophy, 8 or 10.....	2

5

5 or 8

and sufficient hours each term to bring the total up to fifteen from among any of the undergraduate courses which the student has not already pursued, and for which he is qualified, or from among courses offered to undergraduates by any of the other Faculties of the University.

Group VI.—Philosophical-Scientific

SOPHOMORE YEAR

<i>First Term.</i>		<i>Second Term.</i>	
English, 5	2	English, 12	2
Philosophy, 1	1	Philosophy, 2	1
History, 3, 11	3	Political Science, 2	2
Political Science, 1	2	History, 12	1
Physics, 1*	1	Physics, 2*	1
and two electives the first term and three the second out of the following:			
German, 5	3	German, 6	3
French, 5	3	French, 6	3
Mathematics, 3	4	History, 2	2
Physics, 3	4	Mathematics, 4	3
Biology, 3	4	Physics, 4	4
		Biology, 4	4

15 or 17

15 or 17

* Physics 1 and 2 are not required if Physics 3 and 4 are elected.

JUNIOR YEAR

<i>First Term.</i>		<i>Second Term.</i>	
English, 7, 13	4	English, 8, 14	3
Philosophy, 5	2	Philosophy, 6	2
Political Science, 3	3	Political Science, 4	3
and at least eight hours each term out of the following electives:			
English, 15 or 17	2	English, 16 or 18	2
German, 7 or 9	2	German, 8 or 10	2
French, 7	2	French, 8	2
History, 5 or 7	3	History, 6 or 8	3
Philosophy, 3 a or 11	1	Philosophy, 12	1
Philosophy, 7 or 9	2	Philosophy, 8 or 10	2
Physics, 3	4	Political Science, 6	2
Physics, 5	4	Physics, 4	4
Geology, 3	3	Physics, 6	4
Biology, 5	3	Geology, 4	1
		Biology, 6	4

17

16

At least one of the electives in each term of the Junior year must be a science unless a science shall have been elected in the Sophomore year.

SENIOR YEAR

<i>First Term.</i>		<i>Second Term.</i>	
Political Science, 7	2	Political Science, 8	2
Geology, 9	1	Geology, 10	1
		Thesis	1

3

4

and twelve additional hours the first term and eleven additional hours the second term from among any of the undergraduate courses which the student has not already pursued, and for which he is qualified, or from among courses offered to undergraduates by any of the other Faculties of the University.

Group VII.—Natural Science

SOPHOMORE YEAR

<i>First Term.</i>		<i>Second Term.</i>	
English, 5	2	English, 12	2
Physics, 3	4	Physics, 4	4
Chemistry, 3, 5	4	Chemistry, 4, 6	4
Biology, 3	4	Biology, 4	4
and one elective each term out of the following :			
German, 5	3	German, 6	3
French, 5	3	French, 6	4
	17		18

JUNIOR YEAR

<i>First Term.</i>		<i>Second Term.</i>	
English, 7, 13	4	English, 8, 14	3
Philosophy, 5	2	Philosophy, 6	2
History, 11	1	History, 2	2
Physics, 7	2	Chemistry, 18	2
Chemistry, 7	3	Geology, 4, 8	3
Geology, 3	3	Biology, 6	3
Biology, 5	3	Physics, 8	2
	18		17

SENIOR YEAR

<i>First Term.</i>		<i>Second Term.</i>	
Political Science, 3	3	Political Science, 4	3
Geology, 7, 9	3	Geology, 10, 12	4
Biology, 7	4	Biology, 8	4
	10	Thesis	1
			12

and five additional hours the first term and three additional hours the second term from among any of the undergraduate courses which the student has not already pursued, and for which he is qualified, or from among courses offered to undergraduates by any of the other Faculties of the University.

Group VIII.—Exact Science**SOPHOMORE YEAR***First Term.*

English, 5	2
Mathematics, 3	4
Physics, 3	4
Chemistry, 5, 3	4

and one elective each term out of the following :

German, 5	3
French, 5	3

17*Second Term.*

English, 12	2
Mathematics, 4	3
Physics, 4	4
Chemistry, 4, 6	4

German, 6	3
French, 6	3

16**JUNIOR YEAR***First Term.*

English, 7, 13	4
Philosophy, 5	2
History, 11	1
Physics, 5	4
Geology, 3	3

and one elective each term out of the following :

Mathematics, 5 and 7	4
Chemistry, 7,	4

18*Second Term.*

English, 8, 14	3
Philosophy, 6	2
History, 2	2
Physics, 6	4

Mathematics, 6, with Physics, 12	4
Chemistry, 8, 18, or 20	4 or 5

15 or 16**SENIOR YEAR***First Term.*

Political Science, 3	3
Chemistry, 19	2

Second Term.

Chemistry, 20	2
Political Science, 4	3
Thesis	1

and at least three hours the first term and two hours the second out of the following :

Philosophy, 3 a,	1
Mathematics, 9	4
Physics, 9	2
Chemistry, 9 or 13, 15	5

8 or 10

Mathematics, 12	4
Physics, 10	2
Chemistry, 16	2

8 or 10

and sufficient hours to bring the total up to 15 from among any of the undergraduate courses which the student has not already pursued, and for which he is qualified, or from among courses offered to undergraduates by any of the other Faculties of the University.

Group IX.—Medical Preparatory**SOPHOMORE YEAR**

<i>First Term.</i>		<i>Second Term.</i>	
English, 5.....	2	English, 12.....	2
Chemistry, 5, 3.....	4	Chemistry, 4, 6.....	4
Biology, 3.....	4	Biology, 4.....	4
Physics, 3.....	4	Physics, 4.....	4
German, 5.....	3	German, 6.....	3
	<hr/>		<hr/>
	17		17

JUNIOR YEAR

<i>First Term.</i>		<i>Second Term.</i>	
English, 7, 13.....	4	English, 8, 14.....	3
Philosophy, 5.....	2	Philosophy, 6.....	2
Chemistry, 7.....	4	Chemistry, 8 or 20.....	3 or 4
Physics, 7.....	2	Physics, 8.....	2
Geology, 3.....	3	Geology, 4.....	1
Biology, 5.....	3	Biology, 6.....	4
	<hr/>		<hr/>
	18		15 or 16

SENIOR YEAR

<i>First Term.</i>		<i>Second Term.</i>	
Political Science, 3.....	3	Political Science, 4.....	3
Chemistry, 15.....	2	Chemistry, 16.....	2
Biology, 7.....	4	Biology, 8.....	4
	<hr/>	Thesis.....	1
	9		<hr/>
			10

and six additional hours the first term, and five additional hours the second term, from among any of the undergraduate courses which the student has not already pursued, and for which he is qualified.

NOTE.—Students who have completed their Junior year in residence, and in full standing, are permitted to elect the work of the First-Year Class in the University and Bellevue Hospital Medical College, with the exception of the Chemistry and Physics prescribed in that course, provided they take in addition the following undergraduate studies, viz.: Political Science, 3, 4; Chemistry, 12, 15, 16, 23; and Thesis.

DEPARTMENTS OF INSTRUCTION

GREEK

1. Xenophon, *Hellenica*. Demosthenes, *Olynthiacs* and *Philippics*. Particular study of grammar and vocabulary; prose composition. First Term, Monday, at 11.30; Thursday and Friday, at 1.15.

Professor Waters.

Greek 1a. Beginning Greek: A course for students who do not offer Greek for entrance. First term, three hours. Professor Waters.

2. Homer, Selections from the *Odyssey*. History of early Greek literature. Study of Greek *formenlehre*. Selections from the histories of Herodotus. Second Term, Monday, at 9.15; Wednesday and Thursday at 11.30.

Professor Waters.

Greek 2a. Continuation of Greek 1a. Second term, three hours.

Professor Waters.

3. Æschylus, *Prometheus*; Sophocles, *Œdipus Tyrannus*; Euripides, *Medea*. The Attic Theatre. History of Greek Literature in the fifth century. First Term, Tuesday, at 1.15; Wednesday and Friday, at 3.15; Thursday, at 10.30.

Professor Waters.

4. Aristophanes, *Clouds*; Plato's *Apology*. Prose composition; later Greek Literature. Second Term, Monday, at 10.30; Tuesday, at 1.15; Thursday, at 10.30; Wednesday at 3.15.

Professor Waters.

5. Selections from Thucydides; Lysias, *Against Eratosthenes*, or Demosthenes, *De Corona*. Greek Rhetoric and Philosophy. First Term, Monday, Tuesday, and Wednesday, at 2.15.

Professor Waters.

6. Plutarch's *Lives of Lycurgus* and *Themistocles*. Selections from Lucian. The interpretation of Greek life and thought. Second Term, Monday, Tuesday and Wednesday, at 2.15.

Professor Waters.

7. Greek Epigraphy; reading of a number of selected inscriptions bearing upon the public and private life of the Greeks. Manuscripts, with elementary exercises in palæography. First Term, Monday, Tuesday, and Wednesday, at 2.15.

Professor Waters.

8. Selections from the *New Testament* and the early *Greek Fathers*. Second Term, Monday, Tuesday, and Wednesday, at 2.15.

Professor Waters.

(Courses 5, 6, 7 and 8 are given in alternate years; Courses 7 and 8 will be given in 1908-9.)

9. The Life of the Ancient Greeks; a study of the Greek in his home, in society, and in public life. First Term, Monday, at 1.15.

10. The History of Greece from earliest times to 200 A. D. Second Term, Friday, at 10.30.

11. Greek Literature, with some study of its relation to Roman and to modern literature. First term, Monday, at 1.15. Professor Waters.

12. The Art and Mythology of Greece, with the consideration of the archæological work which has been accomplished on Greek soil. Second Term, Friday, at 10.30. Professor Waters.

(Courses 9, 10, and 11, 12, are given in alternate years; Courses 11, 12 are to be given in 1908-9. These courses may be elected by students who have no knowledge of the Greek language.)

LATIN

1. Cicero, Second or Fifth *Philippic*; Syllabus of the more idiomatic points of Latin Syntax; Practice in writing Latin. First Term, Wednesday, Thursday, and Friday, at 10.30. Professor Sihler.

2. Livy, Book I. or XXII. ; Horace, *Odes*; Translation at sight from English into Latin. Practice in writing and speaking Latin. Second Term, Tuesday, at 11.30; Thursday at 10.30 and Friday, at 2.15. Professor Sihler.

3. Pliny, *Letters*; Terence, one or two plays; Cicero, *de Officiis*, Practice in speaking and writing Latin. First Term, Tuesday, at 10.30; Wednesday, Thursday, and Friday, at 9.15. Professor Sihler.

4. Horace, *Satires*; lecture course, Juvenal or Persius, selections. Tacitus; Practice in speaking and writing Latin. Second Term, Tuesday and Wednesday, at 10.30; Thursday and Friday, at 9.15. Professor Sihler.

5. Cicero, *De Finibus*; Tacitus, *Annals*, or Quintilian, Book X.; Practice in speaking and writing Latin. Latin Discourse on selected epochs of Roman history. Latin syllabus. First Term, Wednesday, Thursday, and Friday, at 11.30. Professor Sihler.

6. Horace, *Epistles*; or a play of Plautus, lecture course. Second Term, Wednesday, 1.15, Thursday, and Friday, at 11.30. Professor Sihler.

7. Justinian, with Latin quizzes, or Cicero, *de Oratore*. First Term, Wednesday, Thursday, and Friday, at 11.30.

8. Suetonius or Seneca, Velleius. Second Term, Wednesday, at 1.15; Thursday, and Friday, at 11.30.

(Courses 5, 6 and 7, 8 are given in alternate years, courses 7, 8 will be given in 1908-9.)

10. Lectures on Roman Law. Second Term, Friday, at 10.30.

Professor Sihler.

12. Biography of Cicero ; or lectures on the Decline and Fall of the Roman Republic. Second Term, Friday, at 10.30. Professor Sihler.

(Courses 10 and 12 are given in alternate years and are open also to students who are ignorant of Latin.)

ENGLISH

2. Declamations—Practice in the oral interpretation of selected specimens of spoken discourse. Training in the use of the voice, and in proper modes of delivery, is given in private rehearsals. Second Term, Monday, at 11.30.

3. Rhetoric and English Composition—Study of the principles of composition. Themes, written exercises, individual criticism. Readings. First Term, Tuesday and Thursday, at 3.15.

4. English Composition—Practice in exposition, description and narration. Fortnightly themes, written exercises, individual criticism. Readings. Second Term, Wednesday, at 10.30 and Friday, at 1.15.

5. English Prose Style—Study of prose style and of representative prose authors. Practice in advanced composition. First term, Division 1 (Gr. I-V), Monday and Friday, at 10.30 ; Division 2 (Gr. VI-IX), Monday and Wednesday, at 3.15. Professor Bouton.

7. Argumentation and Public Speaking—Study of analysis of propositions, laws of evidence, processes of argument. Oral delivery of arguments. First Term, Friday, 2.15 to 4.15. Professor Bouton.

8. Public Speaking—Composition and delivery of oratorical prose. Study of specimens of oratory. Readings. Individual criticism and rehearsals. Second Term, Thursday, at 3.15. Professor Bouton.

12. History of English Literature—Review of the growth and development of the literature, on the basis of Morley's English Writers. Second Term, Groups I-V, Wednesday, 1.15, and Friday, at 10.30 ; Groups VI-IX, Thursday and Friday, at 9.15. Professor Bouton and Mr. Nason.

13. Shakespeare—Critical reading of one or more plays ; study of the literary and dramatic method. First Term, Wednesday and Thursday, at 10.30. Professor Stoddard.

14. Nineteenth Century Literature—Literary and historical study of the literature, on the basis of Stedman's Victorian Poets, and of Pancoast's American Literature ; lectures ; critical reading of selections. Second Term, Wednesday and Thursday, at 10.30. Professor Stoddard.

15. The Essayists—General survey ; study of selected examples from Bacon to Macaulay, Emerson and Matthew Arnold.

16. English Poetry—Study of selected masterpieces, from Chaucer to Browning.

17. Old English—Reading of simple prose; study of Old English literature and grammar; lectures on the history of the English language. First Term, Thursday and Friday, at 1.15. Professor Stoddard.

18. Old English Poetry—Study of portions of the *Beowulf*, or of one or more of the minor Old English poems; investigation of problems in old English phonology. Second Term, Thursday and Friday, at 1.15. Professor Stoddard.

(Courses 15, 16, and 17, 18 are given in alternate years; courses 15, 16 will be given in 1908-9.)

19. Development of the Drama—Study of the theory of the drama and of the history of its development, on the basis of Freytag's "The Technique of the Drama," and of Moulton's "Ancient Classical Drama." First Term, Wednesday, at 11.30, and Friday, at 10.30.

Professor Stoddard.

20. Chaucer—Literary study of the *Canterbury Tales*, with some examination of the chief contemporaries and predecessors of Chaucer. Second Term, Wednesday and Friday, at 11.30. Professor Stoddard.

GERMAN

1. Elementary Course—The pronunciation, accidence, and the simpler rules of syntax, with the reading of easy prose and the translation of short sentences into German. Storm's *Immensee*, Hillern's *Höher als die Kirche*, Gerstäcker's *Germelshausen*, and Carmen Sylva's *Aus meinem Königreich*. The basis of the study of grammar is Bierwirth's *Beginning German*. First Term, Monday, Tuesday and Wednesday, at 1.15.

Professor McLouth.

2. Elementary Course continued—The accidence, the more common rules of syntax, the memorizing of the more important idioms, with the reading of easy comedy, and practice in writing easy sentences in German. Wilbrandt's *Jugendliebe*, Benedix's *Die Hochzeitsreise* and *Der Proness*, and Fulda's *Unter vier Augen*. Second Term, Tuesday, Wednesday, and Thursday, at 1.15.

Professor McLouth.

(Courses 1 and 2 open only to students presenting two other languages at entrance.)

3. Course in Narrative Prose—The reading of selected narrative prose, the study of word-formation and syntax, the memorizing of idioms, and translation of easy English prose into German. Wildenbruch's *Das edle Blut*, Saar's *Die Steinklopfer*, Eichendorff's *Aus dem Leben eines Taugenichts*, Keller's *Kleider machen Leute*. Jagemann's

German Prose Composition. Lectures upon German customs and manners. First Term, Monday, Tuesday, and Wednesday, at 2.15.

Sec. A, Associate Professor Wilkens; Sec. B, Professor McLouth.

4. Course in Historical Prose—The reading of graded historical prose, continued study of word-formation and syntax, sight reading, and the translation of English prose into German. Schiller's History of the Thirty Years' War, Schönfeld's German Historical Prose, and von Sybel's *Die Erhebung Europas gegen Napoleon I.* Jagemann's German Prose Composition. Lectures on German literature and history. Second Term, Monday, Tuesday, and Wednesday, at 2.15.

Sec. A, Associate Professor Wilkens; Sec. B, Professor McLouth.

(Courses 3 and 4 are designed for students offering German at entrance.)

5. Course in the German Novel—The reading of some representative German novels, discussion of some of the easier problems of literary structure, the study of the more difficult idioms and points of syntax, and the writing of simple themes in German. Hauff's *Lichtenstein*, Freytag's *Soll und Haben*, Ludwig's *Zwischen Himmel und Erde*, and Sudermann's *Frau Sorge*. Lectures on the history of German literature. First Term, Monday, at 9.15; Wednesday and Thursday, at 11.30.

Professor McLouth.

6. Course in the German Classical Drama—The reading of some of the classical dramas of Lessing, Goethe and Schiller, the study of their dramatic structure according to the principles laid down in Freytag's *Die Technik des Dramas*, and the writing of themes. Lessing's *Emilia Galotti* and *Nathan der Weise*, Goethe's *Iphigenie* and *Tasso*, Schiller's *Die Jungfrau von Orleans* and *Die Braut von Messina*. Lectures on the history of German literature. Second term, Monday, at 1.15; Wednesday and Thursday, at 11.30.

Professor McLouth.

7. Course in the "Storm and Stress" Period of German Literature—The study of Goethe's *Götz von Berlichingen* and *Werther*, Klinger's *Sturm und Drang*, and Schiller's *Die Räuber*, references to the writings of Rousseau and Herder, readings in Francke's History of German Literature, and the writing of themes. Lectures on the history of German literature. First Term, Monday and Wednesday, at 3.15.

Associate Professor Wilkens.

8. Course in Lessing's Critical Essays—The study of Lessing's *Laokoon oder über die Grenzen der Malerei und Poesie* and *Die Hamburgische Dramaturgie*, assigned readings in the Poetics and Rhetorics of Aristotle and in Diderot's *Essai sur la peinture*, and the writing of themes. Lectures on the history of German literature. Second Term, Monday and Wednesday, at 3.15.

Associate Professor Wilkens.

9. Course in German Lyric Poetry—The reading of selections from the works of the most famous lyric poets of Germany from the period of the Reformation to the present time, including the *Volkslied*, some consideration of the music composed for the most celebrated of these poems, the comparison of some of the best English translations, and the writing of themes. Goebel's Goethe's Poems, Nollen's Schiller's Poems, White's Heine's Poems, Hewett's Poems of Uhland, and Klenze's *Deutsche Gedichte*. Lectures on the history of German literature. First Term, Monday and Wednesday, at 3.15.

Associate Professor Wilkens.

10. Course in the German Drama of the Nineteenth Century—The reading of Grillparzer's *Sappho* and *Der Traum ein Leben*, Hebbel's *Judith* and *Die Nibelungen*, and Richard Wagner's *Tannhäuser* and *Die Meistersinger*, some consideration of Hebbel's theory of the drama, and the writing of themes. Lectures on the history of German literature. Second Term, Monday and Wednesday, at 3.15.

Associate Professor Wilkens.

(Courses 7, 8, and 9, 10 are given in alternate years; courses 9, 10 will be given in 1908-9.)

11. Course in Goethe's *Faust*, First Part—The study and interpretation of the First Part of Goethe's *Faust*, lectures on the *Faust* legends, the genesis and the most important criticisms of the poem, some consideration of the *Faust*-books, the *Göckhausen Faust* and the *Faust Fragment*, and the writing of themes. Thomas' Goethe's *Faust*, Part I. Schröer's *Faust von Goethe*. Bayard Taylor's *Faust: a Tragedy by Goethe*. First Term, Tuesday and Wednesday, at 9.15.

12. Course in Goethe's *Faust*, Second Part—The study and the interpretation of the Second Part of Goethe's *Faust*, lectures on the genesis, the most important criticisms and the symbolism of the poem, and the writing of themes. Thomas' Goethe's *Faust*, Part II. Schröer's *Faust von Goethe*. Bayard Taylor's *Faust: a Tragedy by Goethe*. Second Term, Tuesday and Wednesday, at 9.15.

13. The History of German Literature from the Gothic Period to the time of Klopstock; readings from Müller's German Classics; recitations on Scherer's History of German Literature; collateral reading; lectures; themes. First Term, Tuesday and Wednesday, at 9.15.

Professor McLouth.

14. The History of German Literature from the time of Klopstock to the Present; readings from Müller's German Classics; recitations on Scherer's History of German Literature; collateral reading; lectures; themes. Second Term, Tuesday and Wednesday, at 9.15.

Professor McLouth.

(Courses 11, 12, and 13, 14 are given in alternate years; courses 13, 14 will be given in 1908-9.)

FRENCH

1. Elementary Course (open only to students who present two other languages at entrance); Grandgent's Short French Grammar; Super's Preparatory French Reader; Dictation; Exercises. First Term, Monday, Tuesday, and Wednesday, at 1.15.

2. Grammar, continued; Syntax. Exercises in French Composition; Translation of play or story. Second Term, Tuesday, Wednesday, and Thursday, at 1.15.

3. French Grammar (Fraser & Squair's); Syntax and Prose Composition; Dictation; Selected modern writers: Erckmann-Chatrian, De Vigny, Halévy. First Term, Sec. A, Monday, at 9.15; Wednesday and Thursday, at 11.30. Sec. B, Tuesday, at 3.15; Thursday and Friday, at 2.15.
Sec. A, Professor Gillett; Sec. B, —

4. French Grammar (Fraser & Squair's), continued; Selected readings from modern authors: Souvestre, Mérimée, About, De Maistre. Second Term, Section A, Monday, at 1.15; Wednesday and Thursday, at 11.30. Section B, Tuesday, Thursday, and Friday, at 2.15.

Sec. A, Professor Gillett; Sec. B, —

(Courses 3 and 4 are designed for students presenting French at entrance.)

5. Outline History of French Literature; Fortier's *Histoire de la Littérature française*; Prose Composition. Modern dramatists: Feuillet, Pailleron, Augier, V. Hugo. First Term, Monday, Tuesday, and Wednesday, at 2.15.
Professor Gillett.

6. French Literature in the Eighteenth Century; Faguet's *Etudes littéraires sur le XVIII^e siècle*; Lenient's *La Comédie en France au XVIII^e siècle*; Collateral Reading. Second Term, Monday, Tuesday, and Wednesday, at 2.15.
Professor Gillett.

7. French Literature in the Seventeenth Century; Nisard, Faguet, Sainte-Beuve; Classic Drama; Lectures; Themes; Reading. First Term, Monday and Tuesday, at 1.15.
Professor Gillett.

8. French Literature in the Sixteenth Century; Brachet, Darmsteter, and Hartzfeld; Historical grammar; Selections. Second Term, Monday and Tuesday, at 10.30.
Professor Gillett.

9. Early French grammar and literature; Lectures; Philippe de Comines, Froissart, Joinville. First Term, Wednesday and Thursday, at 10.30.
Professor Gillett.

10. Early French literature; Bartsch, *Chrestomathie de l'ancien français*; Reading; Lectures. Second Term, Wednesday and Thursday, at 10.30.
Professor Gillett.

SPANISH

1. Hills and Ford's Spanish Grammar. First Term, Monday, at 10.30 and 11.30. Professor Gillett.
2. Spanish Reading and Composition. Second Term, Wednesday and Thursday, at 1.15. Professor Gillett.

PHILOSOPHY

1. Logic. First Term, Thursday, at 2.15. Professor Shaw.
 2. Logic (continued). Second Term, Thursday, at 2.15. Professor Shaw.
 - 3a. The Origin and History of the New Testament. First Term, Friday, at 9.15. Chancellor MacCracken.
 5. Psychology. First Term, Monday, at 9.15, and Friday, at 10.30. Professor Shaw.
 6. Ethics. Second Term, Monday and Friday, at 9.15. Professor Shaw.
 7. Introduction to Philosophy. First Term, Tuesday and Wednesday, at 9.15. Professor Shaw.
 8. Philosophy of Religion. Second Term, Monday and Tuesday, at 1.15. Professor Shaw.
 9. History of Ancient Philosophy. First Term, Tuesday and Wednesday, at 9.15. Professor Shaw.
 10. History of Modern Philosophy. Second Term, Monday and Tuesday, at 1.15. Professor Shaw.
- (Courses 7, 8, and 9, 10 will be given in alternate years ; courses 7, 8 will be given in 1908-9.)
11. Æsthetics. First Term, Thursday, at 9.15. Professor Shaw.
 12. Æsthetics (continued). Second Term, Thursday, at 9.15. Professor Shaw.

HISTORY

1. Mediæval History. Europe from the Fall of the Roman Empire to the Reformation. First Term, Monday and Tuesday, at 10.30. Professor Brown.
2. Modern History. Europe from the Reformation to the Nineteenth Century. Second Term, Tuesday and Wednesday, at 9.15. Professor Brown.
3. History of Rome. First Term, Monday and Tuesday, at 11.30. Professor Brown.

5. Political and Constitutional History of England. First Term, Tuesday, Wednesday, and Thursday, at 9.15. Professor Brown.

6. Political and Constitutional History of England (continuation of course 5). Second Term, Monday and Tuesday, at 1.15; Thursday, at 9.15. Professor Brown.

7. History of the French Revolution. First Term, Tuesday, Wednesday, and Thursday, at 9.15. Professor Brown.

8. Political and Constitutional History of the United States. Second Term, Monday and Tuesday, at 1.15; Thursday, at 9.15. Professor Brown.

(Courses 5, 6, and 7, 8 are given in alternate years; courses 5, 6 are given in 1908-9.)

10. History of Europe in the Nineteenth Century. Second Term, Wednesday and Thursday, at 10.30. Professor Brown.

11, 12. History of Christianity. First Term (Course 3), Monday, at 3.15; Second Term (Course 4), Friday, at 3.15. Professor Jackson.

POLITICAL SCIENCE

1. Principles of Sociology. First Term, Tuesday, at 9.15; Wednesday, at 10.30. Professor Johnson.

2. Principles of Sociology. Second Term (continuation of course 1). Monday and Tuesday, at 11.30. Professor Johnson.

3. Political Economy. First Term, Tuesday, at 10.30 and 11.30; Wednesday, at 1.15. Professor Johnson.

4. American Government: Federal, State, and Municipal. Second Term, Monday, Tuesday, and Wednesday, at 11.30. Professor Brown.

6. Practical Economics. Second Term, Tuesday and Wednesday, at 9.15. Professor Johnson.

7. International Law. First Term, Monday, at 9.15, Thursday, at 11.30. Professor Brown.

8. Money and Banking. Second Term, Monday and Tuesday, at 10.30. Professor Johnson.

MATHEMATICS

1. Algebra and Review of Trigonometry. First Term, Tuesday, Wednesday, Thursday, and Friday, at 9.15.

Professor Edmondson and Mr. Thorne.

1a. Algebra and Trigonometry. First Term, Tuesday, Wednesday, Thursday, and Friday, at 9.15. Mr. Thorne.

2. Analytic Geometry. Second Term, Monday, Tuesday, Thursday, and Friday, at 9.15. Professor Edmondson.

2a. Algebra and Solid Geometry. Second Term, Wednesday, Thursday and Friday, at 9.15. Mr. Thorne.

(Courses 1 and 2 are for Section C students, and those in Sections A and B who intend to take Mathematics 3 and 4.)

3. Calculus. First Term, Monday, Tuesday, Thursday, and Friday, at 10.30. Professor Edmondson and Mr. Thorne.

4. Calculus. Second Term, Tuesday, Wednesday, and Thursday, at 10.30. Professor Edmondson and Mr. Thorne.

5. Differential Equations. First Term, Thursday and Friday, at 11.30. Professor Edmondson.

6. Theoretical Mechanics. Second Term, Monday, at 1.15; Tuesday, at 9.15. Professor Edmondson.

7. Solid Analytic Geometry. First Term, Monday and Wednesday, at 11.30. Professor Edmondson.

8. Theory of Equations. Second Term, Tuesday and Wednesday, at 1.15. Professor Edmondson.

9. Advanced Calculus. First Term, Monday, Tuesday, Thursday, and Friday, at 1.15. Professor Edmondson.

12. Advanced Calculus. Second Term, Monday, Tuesday, Wednesday, and Thursday, at 11.30. Professor Edmondson.

PHYSICS

1. Properties of Matter, Mechanics, Heat; Experimental Lectures. First Term, Monday, at 1.15. Professor Hering.

2. Magnetism and Electricity, Sound, Light; Experimental Lectures. Second Term, Monday, at 3.15. Professor Hering.

3. Mechanics, Sound, Light; Recitations and Lectures. First Term, Monday, Tuesday, and Wednesday, at 1.15; Friday, 11.30. Assistant Professors Arnold and Campbell.

4. Magnetism and Electricity, Heat; Recitations and Lectures. Second Term Tuesday, Wednesday, Thursday, and Friday, at 1.15. Assistant Professors Arnold and Campbell.

5. Laboratory exercises in Mechanics, Heat, and Sound. First Term, Tuesday and Wednesday, 2.15 to 4.15, and Wednesday and Thursday, 10.30 to 12.30.

Professor Hering and Assistant Professors Arnold and Campbell.

6. Laboratory exercises in Magnetism and Electricity, and Light. Second Term, Monday and Tuesday, 10.30-12.30, and Tuesday and Wednesday, 2.15 to 4.15.

Professor Hering and Assistant Professors Arnold and Campbell.

7. Laboratory exercises in Mechanics and Heat. First Term, Tuesday, 10.30 to 12.30.

Professor Hering.

8. Laboratory exercises in Electricity, Sound, and Light. Second Term, Monday, 10.30-12.30.

Professor Hering.

9. Advanced Work in Physical Laboratory. First Term, two hours a week.

Professor Hering.

10. Advanced Work in Physical Laboratory. Second Term, two hours a week.

Professor Hering.

12. Thermodynamics; Lectures. Second Term, Monday and Thursday, at 11.30.

CHEMISTRY

NOTE.—The courses in Chemistry have been partially re-numbered. To allow comparison of old and new numbers, wherever a change has been made, the old number is given, enclosed in brackets, directly after the present number. To further facilitate comparison a list is appended below of the present equivalent of the old numbers.

2. Elementary Chemistry. Second Term, Tuesday, at 3.15, and Friday, at 10.30.

Associate Professor Lamb.

3. Elementary Chemistry. A continuation of Chemistry 2. First Term, Monday and Tuesday, at 11.30; Thursday, at 1.15.

Associate Professor Lamb.

4. Elementary Chemistry. A continuation of Chemistry 3, with especial reference to the metallurgy of the commoner metals and to the more important branches of chemical manufacture. Second Term, Tuesday, at 11.30.

Associate Professor Lamb.

5. (1) Exercises in Experimental Chemistry. Designed to supplement Chemistry 3, without which it cannot be taken. First Term, Friday, 1.15-3.15.

Associate Professor Lamb.

6. Analytical Chemistry. Qualitative Analysis. First course, 1 Lecture, 5 Laboratory periods. Two Sections. Second Term, Monday, 10.30-12.30 and 2.15-4.45; Friday, 2.15-4.15.

Associate Professor Hill.

7. Analytical Chemistry. Quantitative Analysis. Second course, open to those who have completed 6. First Term, Monday, 10.30-12.30; Wednesday and Thursday, 11.30 and 1.15. Mr. Simmons.

8. (10) Analytical Chemistry. Quantitative Analysis. Third course. Second Term, Monday, 2.15-4.15; Thursday, 1.15-3.15; Friday, 2.15-4.15. Mr. Simmons.

9. (11) Analytical Chemistry. Fourth course. First Term, Monday, 1.15-4.15; Thursday, at 11.30; Friday, 10.30-12.30. Given in alternate years. Mr. Simmons.

10. (24) Sanitary Analysis. The chemical investigation of drinking waters, of the atmosphere, foods, etc. Second Term, Tuesday, at 2.15; Friday, at 10.30, and 4 additional hours. Given in alternate years. Mr. Simmons.

12. TECHNICAL ANALYSIS—First Course. The Analysis of Gas, Water, Iron, etc. At least 6 Laboratory periods. Second Term. Alternates with Chemistry 10. Mr. Simmons.

13. TECHNICAL ANALYSIS—Second Course. Fire Assay and Electrolytic Determination of the Valuable Metals. 6 Laboratory periods. First Term. Alternates with Chemistry 9. Associate Professor Lamb.

14. TECHNOLOGICAL CHEMISTRY—Lectures on Fuels, Furnaces, Furnace Gases, Thermo-Chemical Calculations. Second Term, 2 hours. Mr. Simmons.

15. Carbon Compounds. Aliphatic Series. Lectures. First Term, Tuesday, at 1.15, and Friday, at 1.15. Associate Professor Hill.

16. Carbon Compounds. Aromatic Series and the Bases. Lectures. Second Term, Monday, at 3.15, and Friday, at 10.30. Associate Professor Hill.

17. (20) Organic Synthesis. At least 8 Laboratory periods. First Term, Thursday, at 1.15 to 5.15, and four additional hours. Associate Professor Hill.

18. Advanced Inorganic Chemistry. Lectures. Second Term, Wednesday and Thursday, at 11.30. Associate Professor Hill.

19. (21) Physical Chemistry. First Term. Monday and Tuesday, at 10.30. Associate Professor Lamb.

20. (22) Physical Chemistry. Continuation of Chemistry 19. Second Term. Tuesday, at 10.30, and one additional hour. Associate Professor Lamb.

21. Physical Chemistry. Laboratory Course. First Term. Six hours. Associate Professor Lamb.

23. Advanced Laboratory Practice. First Term. At least six hours.
Associate Professors Lamb and Hill and Mr. Simmons.
24. Advanced Laboratory Practice. Second Term. At least six hours.
Associate Professors Lamb and Hill, and Mr. Simmons.

GEOLOGY

1. Physical Geography. Textbook and lectures, illustrated with charts and lantern slides. First Term, Section A, C, Tuesday and Friday, at 11.30; Section B, Thursday and Friday, at 1.15.

Professor Stevenson.

3. General Geology. Structural and Dynamic Geology. Instruction by lectures. The works of reference are Dana's Manual and Geikie's Textbook. Illustrated fully with charts, specimens, and lantern slides. First Term, Tuesday, Wednesday, and Thursday, at 9.15.

Professor Stevenson.

4. General Geology. A continuation of the work in 3, with Historical Geology as the subject. Second Term, Tuesday, at 1.15.

Professor Stevenson.

7, 8. Determinative Mineralogy. Laboratory practice and lectures; embracing the study of about one hundred of the more important minerals. First Term (Course 7), Wednesday and Thursday, 10.30-12.30; Second Term (Course 8), Tuesday, at 2.15-4.15.

Professor Stevenson.

9, 10. Anthropology. A detailed study of the natural history of man; comparison with the other orders of primates; antiquity; comparison of the several races; their origin and distribution. Illustrated with specimens, models, and lantern slides. First Term (Course 9), Friday, at 9.15; Second Term (Course 10), Tuesday, at 9.15.

Professor Stevenson.

12. Elementary Palæontology. A course in study of palæozoic Brachiopoda. Second Term, Tuesday, Wednesday, and Thursday, at 10.30; and three hours of laboratory work.

BIOLOGY

2. General Zoölogy, with models and lantern slides. Second Term, Tuesday, at 10.30, and Friday, at 11.30.

Professor Bristol.

3. General Biology. Lectures and laboratory practice. Study of selected forms of plants and animals. First Term, Tuesday, Wednesday, Thursday, at 9.15 and 10.30; Friday, 9.15.

Professor Bristol.

4. General Biology, continued (Course 3 is a prerequisite to this course). Second Term, Tuesday and Wednesday, at 9.15, and Tuesday, Wednesday, Thursday, and Friday, at 10.30; Friday, at 11.30.

Professor Bristol.

5. Comparative Anatomy. Lectures and laboratory practice. Study of types of vertebrates. First Term, Tuesday and Wednesday, 2.15 to 4.15; Friday, at 10.30 to 12.30. Professor Bristol.

6. Comparative Anatomy, continued (Course 5 is a prerequisite to this course). Second Term, Tuesday, 2.15-4.15; Wednesday, 1.15 to 3.15; Friday, 1.15 to 4.15, and two additional hours. Professor Bristol.

7. Vertebrate Zoölogy. Lectures and laboratory practice; may include Histology. First Term, Tuesday, 11.30 to 4.15; Wednesday, 2.15 to 4.15; Thursday, 1.15; and Friday, 1.15 to 3.15. Professor Bristol.

8. Vertebrate Zoölogy, continued (Course 7 is a prerequisite to this course). Second Term, Tuesday, at 11.30; Tuesday and Friday, 1.15-4.15; Wednesday, 2.15, and Thursday, at 1.15. Professor Bristol.

9. Elementary Principles of Evolution. Elective course, especially for Seniors; time fixed by arrangement. First Term, one hour. Professor Bristol.

10. Elementary Principles of Evolution. (Continuation of Course 9.) Second Term, one hour.

12. General Botany. Second Term, one hour. Professor Stevenson.

MECHANICAL DRAWING

1. Instruments, Freehand-lettering, Orthographic Projection, Practical Problems, Reading of Drawings. First Term, Thursday, at 10.30. Professor Lorentzen.

2. Second Term, Tuesday, 10.30. Professor Lorentzen.

PHYSICAL TRAINING

MR. CANN

From November 1 to April 1

1, 2. Freshmen, Monday, Wednesday, and Friday, at 3.15.

3, 4. Sophomores, Tuesday and Thursday, at 3.15.

Examination. Upon entering college, each student is required to present himself to the Physical Director for a physical examination.

SCHEDULE OF HOURS—FIRST TERM.

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
9.15	*French 8a German 5 PHIL. 5 Pol. Sci. 7	Math. 1, 1a Pol. Sci. 1 Biology 3 *GERMAN 11 or 13	Math. 1, 1a *PHIL. 7 or 9 Biology 3 *HISTORY 5 or 7 *GERMAN 11 or 13	Math. 1, 1a *HISTORY 5 or 7 Biology 3 PHIL. 11	Math. 1, 1a Latin 3 Biology 3
10.30	History 1 English 5 (Gr. I-V) Math. 3	History 1 Latin 3 Math. 3 Biology 3 *POL. SCI. 3	Latin 1 Pol. Sci. 1 Biology 3 PHYSICS 5	Latin 1 Mech. Dr. 1 Greek 3 Math. 3 Biology 3	Latin 1 English 5 Biology 5 (Gr. I-V) Math. 3 Chem. 9
11.30	Greek 1 History 3 *SPANISH 1 MATH. 7	Geol. 1 (Sec. A & C) History 3 Chem. 3 *POL. SCI. 3	*French 3a German 5 *LATIN 5 or 7 MATH. 7 CHEM. 7	*French 3a German 5 *LATIN 5 or 7 MATH. 5 CHEM. 7	Geology 1 Biology 5 (Sec. A & C) Physics 3 *LATIN 5 or 7 MATH. 5
1.15	French 1 German 1 Greek 3 *Greek, 9 or 11	French 1 German 1 Greek 3 Physics 3	French 1 German 1 Physics 3 *POL. SCI. 3	Greek 1 Geol. (Sec. B) *English 15 or 17 Chem. 8 CHEM. 7	Greek 1 Sec. C & D or 17 Geology 1 (Sec. B) Math. 9 Biology 7 Chem. 13
2.15	*German 3 Greek 5 or 7 Chem. 9	*German 3 French 5 Greek 5 or 7 Physics 5	*German 3 French 5 Greek 5 or 7 Physics 5	Phil. 1 French 3b Chem. 17	Chem. 5 English 7 Biology 7 French 3b
3.15	Gym. 1 *English 5 (Gr. VI-VI-X) *Phil. 11	English 3 Gym. 3 Physics 5 Biology 5	Gym. 1 Physics 5 Biology 5 *German 7 or 9	English 3 Gym. 3 Chem. 17	Gym. 1 Greek 3 Chem. 1 English 7

* Open to students of the next higher class.

NOTE.—Courses primarily for Freshmen, Roman type; for Sophomores, *Italics*; for Juniors, SMALL CAPITALS; for Seniors, Gothic.

SCHEDULE OF HOURS—SECOND TERM.

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
9.15	Greek 2 Phil. 2 Physics 10	Math. 2 *History 2 Biology 4 *German 12 or 14	Math. 2a *History 2 *Biology 4 *German 12 or 14	Math. 2 Math. 2a Latin 4 *English 12b *History 6 or 8	Math. 2 Math. 2a Latin 4 *English 12b Phil. 6
10.30	Greek 4 French 8 Physics 6b Physics 8 Chem. 6	Greek 2 Drawing 2 Biology 2 Latin 4 Math. 4 Biology 4 Chem. 20	English 4 Latin 4 Math. 4 Biology 4 English 14	Latin 2 Greek 4 Math. 4 Biology 4	*English 12a Biology 4 *Greek 10 or 12 Chem. 10 Chem. 16
11.30	English 2 Pol. Sci. 2 Physics 8 Math. 12 Physics 6	Latin 2 Pol. Sci. 2 Physics 6b Chem. 4 *Pol. Sci. 4	*French 4a Greek 2 German 6 *Pol. Sci. 4 Chem. 18 English 20	*French 4a Greek 2 German 6 Physics 12 *Latin 6 or 8 Chem. 18	Biology 2 Biology 4 Latin 6 or 8 English 20
1.15	*French 4a German 6 *History 6 or 8	French 2 German 2 Greek 4 Physics 4 *Phil. 8 or 10	French 2 German 2 *Spanish 2 Math. 8 Biology 6 *English 12a Physics 4 *Latin 6 or 8	French 2 German 2 *Spanish 2 Biology 8 *English 16 Chem. 8 or 18 Physics 4	English 4 *English 16 or 18 Physics 4 Biology 6
2.15	*German 4 Chem. 6 *French 6 or 8	*French 4b *German 4 *Greek 6 Biology 8 Chem. 10	*German 4 Biology 6a Physics 6a Biology 8 or 8	French 4b Math. 12 Chem. 6 Phil. 2	Latin 2 *French 4b *Chem. 6 Biology 6 Biology 8
3.15	Gym. 2 Physics 2 Chem. 16 *German 8 or 10	Chem. 2b Gym. 4 Physics 6a Biology 6 Biology 8	Gym. 2 Physics 6a Greek 4 *German 8 or 10	Gym. 4 English 8	Gym. 2 Phil. 4 Chem. 6 Biology 6 Biology 8

* Open to students of the next higher class.

NOTE.—Courses primarily for Freshmen, Roman type; for Sophomores, *Italics*; for Juniors, small capitals; for Seniors, *Gothic*.

II

SCHOOL OF APPLIED SCIENCE

ANNOUNCEMENTS FOR 1908-1909

THE UNIVERSITY SCHOOL OF APPLIED SCIENCE

Faculty for 1908-1909

- HENRY M. MACCRACKEN, D.D., LL.D.,
Chancellor.
- CHARLES HENRY SNOW, Sc.D., C.E.,
Dean; Professor of Civil Engineering.
- JOHN J. STEVENSON, PH.D., LL.D.,
Professor of Geology.
- DANIEL W. HERING, C.E., PH.D., LL.D.,
Professor of Physics and Applied Mechanics.
- FRANCIS H. STODDARD, PH.D.,
Professor of the English Language and Literature.
- WILLIAM KENDALL GILLETT, M.A.,
Professor of the French and Spanish Languages.
- CHARLES L. BRISTOL, PH.D.,
Professor of Biology.
- LAWRENCE A. McLOUTH, B.A.,
Professor of German.
- THOMAS W. EDMONDSON, PH.D.,
Professor of Mathematics.
- COLLINS P. BLISS, PH.B., M.A.,
Professor of Mechanical Engineering.
- CHARLES E. HOUGHTON, A.B., M.M.E.,
Associate Professor of Mechanical Engineering.
- CHARLES GRAY SHAW, PH.D.,
Professor of Ethics and Assistant Professor of Philosophy.
- ARCHIBALD L. BOUTON, M.A.,
Professor of Rhetoric.
- JOSEPH F. JOHNSON, A.B., D.C.S.,
Professor of Political Economy and Finance.
- CARL C. LORENTZEN, M.E., Graduate Royal Naval Academy,
Copenhagen,
Associate Professor of Drawing.
- ALEXANDER HARING, C.E.,
Professor of Bridge and Railway Engineering.
- FREDERICK H. WILKENS, PH.D.,
Associate Professor of German.

- ARTHUR E. HILL, B.S., PH.D.,
Associate Professor of Analytical Chemistry and Secretary of the Faculty.
- ARTHUR B. LAMB, PH.D.,
Associate Professor of Chemistry and Director of the Havemeyer Laboratory.
- WILLIAM M. CAMPBELL, M.A.,
Assistant Professor of Physics.
- J. LORING ARNOLD, PH.D.,
Assistant Professor of Physics.
- ARTHUR H. NASON, M.A.,
Instructor in English.
- WILLIAM W. BRUSH, C.E.,
Instructor in Engineering Design.
- WILLIAM REMINGTON BRYANS, B.S.,
Instructor in Mechanical Drawing and Surveying.
- JOHN P. SIMMONS, B.S.,
Instructor in Chemistry.
- LEE GALLOWAY, PH.D.,
Instructor in Economics.
- P. L. THORNE, B.A.,
Instructor in Mathematics.
- WILLIAM SHERMAN LOZIER, C.E.,
Instructor in Civil Engineering
- G. B. HOTCHKISS, M.A.,
Instructor in English.
- WILLIAM A. H. ZINK, B.S.,
Assistant in Chemistry.
- HARRY E. MOWEN, B.S.,
Assistant in Civil Engineering.
- HARRY FAULLS,
Superintendent of Shops.
- FRANK A. FALL, M.A.,
Bursar of the University.
- BELLE CORWIN, M.D.,
Librarian.

Faculty Lecturers

- ALVAH H. SABIN, ASSOC. M. AM. SOC. C.E.,
Lecturer on Oils, Paints and Varnishes.
- DOWNING VAUX, M.A.,
Lecturer on Landscape Gardening.
- HENRY P. MORRISON, C.E., M. AM. SOC. C.E.,
Lecturer on Roads and Pavements.
- NATHAN B. VAN ETEN, M.D.,
Lecturer on First Aid to Injured.

ADMISSION TO THE SCHOOL OF APPLIED SCIENCE

(1) To secure admission to the School of Applied Science, the applicant must present satisfactory written testimonials showing that he is a young man of good moral character. When the applicant comes from another college he must present a certificate of honorable dismissal.

(2) The applicant must have pursued a thorough course of preparatory study and must be proficient in the following subjects: English, History (two subjects), Elementary French, Elementary German, Algebra, Plane Geometry, Solid Geometry, Trigonometry, Physics, and in the case of students entering the course in Chemical Engineering, Chemistry.

Detailed definitions, showing what is included under each of the above subjects, except Chemistry, will be found in the announcement of the College of Arts and Pure Science under the heading, Definition of Requirements.

Chemistry

It is recommended that the candidate's preparation in chemistry should include :

- a. Individual laboratory work, comprising at least forty exercises selected from a list of sixty or more, not very different from the list given below.
- b. Instruction by lecture-table demonstrations, to be used mainly as a basis for questioning upon the general principles involved in the pupil's laboratory investigations.
- c. The study of at least one standard text-book, to the end that the pupil may gain a comprehensive and connected view of the most important facts and laws of elementary chemistry.

Historical Sketch

In 1855, twenty-four years after the founding of New York University, engineering was first taught in the University, being made a substitute for certain subjects in the scientific course. No engineering degree was given, but students were thus prepared for engineering work.

With the development of engineering into a modern profession, changes were made in the courses, and the engineering degree was given for the

first time by the University in the year 1862. The School of Engineering offering the one course, Civil Engineering, may be said to date from that time. The removal to University Heights of the College and Engineering School in 1894 began a new era of enlargement. The last ten years have shown a steady growth, but without sudden changes. By act of the University, April, 1899, the University Engineering School was enlarged into the University School of Applied Science. Three departments of Applied Science are now open.

General Principles

The courses of study are founded upon the belief that the education of the engineer or chemist should in no sense be a narrow one, and that subsequent success is more certain in proportion to the breadth of the field open to him upon graduation.

English studies are emphasized for the sake of correct and vigorous style of expression and thought. Modern languages are required, that students may have access to all the best engineering literature, and that they may conduct work in foreign countries. In natural science the courses in geology, physics, and chemistry have been much strengthened, these courses being illustrated by collections and laboratory exercises.

Instruction is given by means of lectures and recitations, supplemented by practice in the drafting room, laboratories, shops, or in the field.

It is thought that for engineering, as for other professions, preparation can best be made in a large city. The varied forms and almost innumerable examples of engineering work constantly in progress about New York afford exceptional opportunities to the student and give graduates of this School exceptional advantages.

The corps of instructors is large enough to afford personal supervision for each student, so that the student may be particularly assisted in those lines for which he shows most aptitude.

The great majority of the men prepared in the University have attained success, and many of them are to-day prominent in their profession.

Engineering education may be regarded from two points of view. It is a preparation for a great profession, the demands upon which are constantly increasing. It is also to be regarded as a preparation for other professions than engineering, or for business pursuits. A course of study which combines with abstract science a study of its applications is desirable, even though divested of all professional idea and selected simply for the training given, since the training is such as can nowhere else be obtained. An increasing number of young men find the study of engineering an excellent preparation for important business responsibilities.

Facilities for Instruction, Etc.

At present the buildings specially devoted to the School are as follows:

(1) The power house, with wooden extensions, in all about 250 feet in length, for Lecture Rooms and the Mechanical Laboratories.

(2) The Havemeyer Laboratory for Chemistry.

(3) The Charles Butler Hall for Physics and Mechanics.

(4) The Dean's Office and the Mathematical rooms in Language Hall.

(5) The three south rooms of Museum, for Geological and Mineralogical Laboratory, Lecture Room, and Museum.

(6) The north room of Museum for Engineering collections.

(7) Shop work is accommodated in a new spacious temporary building.

(8) The new drawing quarters built and equipped by Frederick W. Devoe in memory of the late Andrew H. Green. These rooms occupy a space of 31 by 115 feet.

(9) The basement of Hall of Languages for Electrical Laboratory.

The School, equally with the College of Arts and Science, has the use of the Memorial Library Building, with its spacious auditorium seating 1,500 persons, its periodical and newspaper reading-room, its eighteen department libraries arranged about the dome reading-room, its administrative offices, etc.

Visits to various points of interest are arranged so as to conform with class-room treatment of the subject in question. Descriptions in the form of reports may at any time be required from members of the visiting classes.

Faculty Lecturers are named upon page 258. Special Lecturers thus far for the current year have been :

Mr. Henry W. Hodge, M. Am. Soc. C.E.

Mr. Hugh T. Wrecks, Assistant Secretary National Fire Protection Association.

Mr. Frederick Skene, C.E., State Engineer.

Mr. Halbert P. Gillette, M.Am. Soc. C.E.

The library contains copies of all text-books used, together with standard books of reference.

The new site is such that many interesting works completed and in process of erection may be quickly reached, and in some instances may be seen from the grounds. Among such works are the new Central, University Heights, Washington, and High Bridges, the Government Ship Canal, and the Jerome Park Reservoir.

Requirements for Graduation

DEGREES

All of the courses in this School are so arranged as to be completed in four years. A student completing any one of the courses receives the degree of Bachelor of Science in that course. The professional or engineering degrees are conferred at the end of at least one year of practice, subsequent to graduation (after 1900), together with the completion of a thesis. The practice must be of such a nature as to be satisfactory to the Faculty of the School of Applied Science. The thesis also must be in accord with standards noted elsewhere. The degree Civil Engineer is under these conditions conferred upon the graduates of the course of Civil Engineering and the degree of Mechanical Engineer upon graduates in Mechanical Engineering. Graduates in Chemistry complete their four years' study with the degree of Bachelor of Science.

Engineering degrees are not conferred upon Bachelors of Science of other schools or colleges unless they have spent here at least one year in resident study, involving sixteen hours per week for classroom work.

Fees

TUITION FEES

Tuition per year.....\$125.00

\$75 payable October 1 and \$50 February 1, ten days of grace being allowed, at the end of which time non-payment will debar from classes. This rule applies also to room rents.

The charge for tuition to students who entered prior to April, 1906, is \$100.

MATRICULATION AND INCIDENTAL FEES

Matriculation fee (paid once only).....	\$5.00
Annual Incidental fee, payable October 1.....	20.00
Fee for Athletic Association for the year.....	5.00
Diploma fee, covering Commencement charges.....	25.00
Fee for Summer Course in Field Surveying, Junior and Senior Years, each.....	15.00
Drawing Room locker, 75 cents for the year.	

FEES FOR LABORATORY MATERIAL

Experimental Chemistry.....	\$3.00
Qualitative analysis, for each term.....	10.00
Quantitative analysis and advanced laboratory courses, for each term each course.....	10.00

Physical laboratory, for each term taken.....	\$5.00
Biological laboratory, for each term.....	5.00
Determinative Mineralogy, for each term.....	2.00
Mechanical Laboratory, for each term.....	3.00
Work Shops, for each term.....	3.00

Students presenting themselves for Engineering degrees, after one year's practice subsequent to graduation, and the preparation of a thesis, are charged the sum of \$25, to cover the examination of thesis and the expense of graduation.

Estimate of Necessary Expenses of Students

Exclusive of Clothing, Laboratory and Society Fees, and Traveling Expenses

	Low.	Moderate.	Liberal.
Tuition.....	\$125	\$125	\$125
Gymnasium and incidental fees.....	25	25	25
Textbooks and stationery.....	12	25	40
Room, light, fuel and use of furniture....	60	80	125
Board, 36 weeks.....	144	160	180
Washing and sundries.....	15	20	30
	<hr/> \$381	<hr/> \$435	<hr/> \$525

Scholarships

PREPARATORY SCHOOL PRIZE SCHOLARSHIPS

The University School of Applied Science offers each year twelve Preparatory School Prize Scholarships, worth \$125 each, covering the tuition fee of the Freshman Year. One Prize Scholarship will be in the gift of each of several preparatory or high schools who have sent large numbers of their graduates to New York University. The Scholarship shall be bestowable each year by the Principal upon a scholar certified by him as standing in the uppermost third of a class of not less than five members prepared for college. This Scholarship admits to the School of Applied Science without examination.

Specially Endowed Scholarships

The Gould Scholarships, the Northrup Scholarship, the Shaw Scholarship, the Irvington and Tarrytown Scholarships and the Class of '90 Scholarship described in the Announcement of the College of Arts and Pure Science are open also to students of the School of Applied Science. In addition to these are the following :

REMSSEN SCHOLARSHIP

Endowed with \$2,000, yielding \$90 a year, to cover tuition of a student in the Engineering School.

THE GOULD ENGINEERING SCHOLARSHIP

This Scholarship is in memory of the late Mr. Jay Gould, founded by Mr. Frank Jay Gould, and endowed with \$3,000, yielding \$135 yearly. The Scholarship is established for graduates of Union High School, Roxbury, N. Y., to be awarded on competitive examination. Candidates must have studied at Roxbury for at least two years.

Prizes and Fellowships**THE WILLIAM A. HOE, JR., ENGINEERING PRIZE**

This prize, being the income of a fund of \$1,000, is founded by Mr. William A. Hoe, of New York City, in memory of his son, Mr. William A. Hoe, Jr., of the Class of 1888. It is intended to encourage an interest in the study of sanitation. It will be awarded to that member of the Engineering School who shall at the time of his receiving his degree have done the best work in Sanitary Investigation. The work of the student shall cover, as may be directed by the Dean, one or more of the several divisions of sanitary science. The prize was awarded in 1907 to Charles W. Banks and Edward J. O'Brien.

WILLIAM H. INMAN FELLOWSHIP

Founded by Miss Inman

The principal of this fund, amounting to \$5,000, is held by the University, the income arising from the same to be used for the support of the William H. Inman Fellowship.

This Fellowship is to be awarded to a student completing an undergraduate course whose scholarship places him in the foremost third of his class, and whose attainments are such, in the judgment of the Faculty, as will qualify him to pursue advanced studies in Science. Further, the student must have enrolled himself as a candidate for the degree of Master from the University, under the rules prescribed. Further, he must serve for one year as a Demonstrator or Assistant in the Laboratory of Analytical Chemistry. But the last-named condition may, for sufficient reasons, be suspended by action of the Faculty.

The tenure of the Fellowship is for one year, and it is to be known upon the Records of the University and announced in each annual Catalogue as the William H. Inman Fellowship. The Fellow for 1907-1908 was Gorton R. Fonda.

THE DURYEA FELLOWSHIP

Founded by the will of Samuel Bowne Duryea, of the Class of 1866.

The principal of this fund, amounting to \$4,350, is held by the University, its income to be paid to a student completing with high standing an undergraduate course in Engineering. Further, he must be a candidate for a degree in Engineering, and serve as an assistant in the School of Engineering. The tenure is for one year. Recipients may appoint alternates for actual service if approved by Faculty. The fellow for the year 1907-1908 was Edward McQueen.

THE SAMUEL F. B. MORSE MEDAL

Professor S. F. B. Morse provided in his will for a gold medal to be awarded for excellence in scholarship. In honor of the founder and his great contribution to the Science of Physics, the medal will be awarded to the student showing special ability in that department. In the award of the medal general scholarship will be allowed to weigh in proportion to scholarship in Physics as one to two.

THE DEEMS LOAN FUND

Upon the celebration, October 3, 1887, of the twenty-first anniversary of the Church of the Strangers, the late Rev. Dr. Charles F. Deems, its pastor, under whose leadership the church was organized in the University chapel, founded this fund. The moneys constituting it are to be lent from time to time to students, in convenient sums, on satisfactory security, to be repaid with interest, after their leaving college, at a date agreed upon.

THE GOULD LOAN FUND

In October, 1896, a loan fund was founded by Miss Helen Miller Gould, from which loans will be made to students of the University on conditions similar to those observed in connection with the Deems Fund.

THE CHARLES FORCE DEEMS MEMORIAL LOAN FUND

Established 1905, as a memorial of their late pastor, Rev. Dr. Charles F. Deems, D.D., LL.D., by the Sisters of Strangers, a body of devoted women in the Church of the Strangers, New York City. Loans are made to students under the same conditions as those governing the Deems Fund.

Discipline

Each student upon entering is required to sign his name in the Matriculation Book, subscribing the following pledge:

"We, whose names are hereunto attached by our personal signature, being applicants for admission to the New York University, do hereby

pledge ourselves, on being admitted, to conform strictly and at all times to the Rules of the Institution, and by all proper means to promote its best interests."

Every student is required to register with the Secretary of the Faculty within five days of the opening of each fall term, and at that time to give written notice of his choice of studies as approved by the Scholarship Committee. "A fine of five dollars will be imposed on each student who fails to comply with the provisions of the above rule. The Chancellor alone has the power of remitting this fine."

The Rules of the Faculty provide for prompt correspondence with the parent or guardian of each student in any case requiring it, and especially in case of unexcused absence or serious deficiencies in scholarship. A copy of the Rules is furnished to each student, and also to each parent or guardian who requests it.

Every student organization shall keep with the Faculty a correct and complete list of its members and its responsible managers.

No body of students shall participate in any public game, or contest, or entertainment, without previously obtaining the consent of the Faculty.

For failure to comply with these or any special rules which may be prescribed by the Faculty for such an organization, the officers or managers of the offending body will be held personally responsible.

TERM REPORTS, EXAMINATIONS, ETC.

The name of each student admitted to the School of Applied Science is entered by the Recorder of the Faculty upon a page of the register, which page is reserved for that student. Here are recorded the conditions under which the student has been admitted; the result of every examination required of the student; a copy of any action that may have been taken by the Faculty respecting him, whether concerning his scholarship, attendance, or behavior. This page will be submitted upon request to the student's parent or guardian. The last week of each term, examinations are held, covering, in the case of each student, all the branches of study pursued by him. In form they are in part oral, in part written.

Students are marked: A. (Excellent); B. (Very Good); C. (Fair); D. (Poor); E. (Deficient); F. (Very Deficient). Courses marked F. must be repeated in class.

In courses consisting mainly of laboratory work students who fail to complete *satisfactorily* two-thirds of the required exercises shall be graded F.

Students are not admitted to Sophomore courses offered solely under this Faculty whose records in entrance physics or freshman mathematics are defective. Students are not admitted to Junior courses

offered solely under this Faculty whose records in Mathematics 3 or Physics 3 and 4 are defective. Exceptions may be made in favor of students entering with advanced standing from other institutions, but only during the academic year during which they have been admitted.

Where hours of recitation conflict, students must register for work in the lower courses.

If a student fail to pass an examination in a subject which is continued by the class, he must make up the deficiency within three weeks after being notified, otherwise he will be excluded from further attendance in that study. When, however, a student's failure in several subjects is so serious as to justify either exclusion or dropping to a lower class, he shall not be admitted to re-examination. In case the failure occurs at an examination which marks the termination of a subject, he will not be credited with that subject until he shall have made up his deficiency at a subsequent regularly appointed examination.

A student who shall stand charged at any time with failures in three subjects will be required to join a lower class in order to remain a candidate for a degree. A student will be debarred from continuance with his class if he does not make up a failure within two years from the time of its occurrence.

Permission to change from one course to another shall in no way remove the failures previously incurred ; these must be regularly made up even if the studies do not belong in the new course.

Any change from one course to another shall be permitted only upon the distinct understanding that all the subjects prescribed in the course finally chosen shall be completed before graduation, and no studies belonging to the other course shall be considered equivalents therefor.

OUTLINE OF COURSES

N.B.—The numbers in parentheses refer to the courses in the various departments, as given in this circular, or in the circular of the University College.

Civil Engineering

FRESHMAN YEAR

First Term

	HOURS
MECHANICAL DRAWING (3)—Nine hours (counted as six hours)....	6
ADVANCED ALGEBRA AND REVIEW TRIGONOMETRY (Mathematics, 1).	4
FRENCH (1 or 3)—Grammar and Prose Writers.....	3
GERMAN (1 or 3)—Grammar and Reading.....	3
ENGLISH (1, 3)—Composition, Rhetoric, Public Speaking.....	3
SURVEYING (1)—Theory and Practice.....	2

Second Term

	HOURS
MECHANICAL DRAWING (4)—Six hours (counted as four hours)....	4
ANALYTICAL GEOMETRY (Mathematics, 2).....	4
FRENCH (2 or 4)—Reading.....	3
GERMAN (2 or 4)—Grammar and Reading.....	3
ENGLISH (4)—Composition.....	2
SURVEYING (2)—Theory and Practice.....	2
CHEMISTRY (2)	2
	20

SOPHOMORE YEAR

First Term

	HOURS
TOPOGRAPHICAL DRAWING (5)—Eight hours (counted as four hours)	4
CALCULUS (Mathematics, 3).....	4
ENGLISH (5)—Prose Style.....	2
PHYSICS (3)—Lectures and Recitations.....	4
CHEMISTRY (1, 3)—Lectures and Laboratory—Five hours (counted as four hours).....	4
CARPENTRY (S. W. 3)—Two hours (counted as one hour).....	1
	19

Second Term

HOURS

CALCULUS (Mathematics 4).....	2
THEORETICAL AND APPLIED MECHANICS (C. E. 8).....	4
ENGLISH (12)—History of English Literature.....	2
PHYSICS (4)—Lectures and Recitations.....	4
CHEMISTRY (4)—Lectures.....	1
CHEMISTRY (16)—Qualitative Analysis—Six hours (counted as three hours).....	3
WOOD TURNING AND BLACKSMITHING (S. W. 4).....	1
SURVEYING (6)—Topographical, Hydrographical, City and Mine Surveying.....	2

19

Summer Term

SURVEYING (5)—Field practice.

JUNIOR YEAR**First Term**

MECHANICS OF MATERIALS (C. E. 9).....	2
PROPERTIES OF MATERIALS (C. E. 5).....	3
PHILOSOPHY (5). Philosophy (3) or (3a), Optional.....	2 or 3
PHYSICS (5)—Laboratory.....	4
ASTRONOMY (Mathematics, 11)—Lectures.....	2
GEOLOGY (7)—Determinative Mineralogy.....	2
ADVANCED DESCRIPTIVE GEOMETRY (M. D. 9).....	2
HIGHWAY ENGINEERING (C. E. 3)—Roads and Pavements.....	2

19 or 20

Second Term

PRINCIPLES OF CONSTRUCTION (C. E. 10)—Masonry, Foundations, Retaining Walls, Dams, etc.....	2
RAILWAY ENGINEERING (C. E. 2).....	2
ELECTRICITY (Physics, 6)—Laboratory.....	4
CHEMISTRY (14)—Technological Chemistry, Lectures.....	2
GEOLOGY (8)—Determinative Mineralogy.....	2
GEOLOGY (2)—General Geology, Lectures.....	3
STRENGTH OF MATERIALS (X. E. 2)—Laboratory Course.....	1
CEMENTS AND CEMENT TESTING (X. E. 4)—Laboratory Course....	1
GEODESY (Su. 4).....	1
LANDSCAPE ARCHITECTURE (C. E. 6) (no credits).....	
GRAPHIC STATICS (C. E. 22).....	2

20

Summer Term

SURVEYING (7)—Field practice.

SENIOR YEAR**First Term**

	HOURS
ROOFS AND BRIDGES (C. E. 13).....	4
SANITARY ENGINEERING (C. E. 15)—Design and Construction, Sewage Disposal.....	2
THEORETICAL HYDRAULICS (C. E. 11)—Lectures and Recitations...	2
GEOLOGY (5)—Economic Geology, Lectures.....	2
WATER WORKS (C. E. 17)—Design and Construction, Lectures...	2
POWER AND COMPRESSED AIR (M. E. 11).....	2
POLITICAL SCIENCE (3)—Lectures.....	3
APPLIED HYDRAULICS AND STEAM (X. E. 5 and 7)—Lectures and Laboratory, Fuel Economy, Indicator Practice, Engine Tests...	2
RAILROAD ECONOMICS (C. E. 19).....	2
	<hr/> 21

Second Term

HYDRAULIC MACHINERY (C. E. 12).....	2
ENGINEERING DESIGN (C. E. 20)—Complete Plan, Specifications, and Estimates Water Supply System.....	2
GEOLOGY (6)—Economic Geology, Lectures.....	3
SANITARY ENGINEERING (C. E. 16)—Design and Construction, Lectures.....	2
HYDRAULIC POWER (X. E. 6)—Motors and Water Power, Lectures and Laboratory.....	2
MINE ENGINEERING (C. E. 18)—Mine Operations, Tunneling, etc., Lectures.....	2
THESIS.....	2
BRIDGE DESIGN (C. E. 24).....	4
	<hr/> 19

Mechanical Engineering

FRESHMAN YEAR

First Term

	HOURS
MECHANICAL DRAWING (3)—Nine hours (counted as six hours)....	6
ALGEBRA AND TRIGONOMETRY (Mathematics, 1).....	4
FRENCH (1 or 3)—Grammar and Prose Writers.....	3
GERMAN (1 or 3)—Grammar and Reading.	3
ENGLISH (1, 3)—Composition and Rhetoric, Public Speaking.....	3
	<hr/> 19

Second Term

MECHANICAL DRAWING (4)—Six hours (counted as four hours)....	4
ANALYTICAL GEOMETRY (Mathematics, 2).....	5
FRENCH (2 or 4) —Reading.....	3
GERMAN (2 or 4)—Grammar and Reading.....	3
ENGLISH (4)—Composition.....	2
CHEMISTRY (2).....	2
	<hr/> 19

SOPHOMORE YEAR

First Term

MACHINE DRAWING (M. D. 7)—Six hours (counted as three hours)	3
CALCULUS (Mathematics, 3).....	4
ENGLISH (5)—Prose Style.....	2
PHYSICS (3)—Lectures and Recitations.....	4
CHEMISTRY (3)—Lectures and Laboratory—Five hours (counted as four hours).....	4
CARPENTRY (S. W. 3)—Four hours (counted as two hours).....	2
	<hr/> 19

Second Term

CALCULUS (Mathematics, 4).....	2
THEORETICAL AND APPLIED MECHANICS (C. E. 8).....	4
ENGLISH (12)—History of English Literature.....	2
PHYSICS (4)—Lectures and Recitations.....	4
APPLIED KINEMATICS (M. E. 2)—Nine hours (counted as six hours)	6
CHEMISTRY (4).....	1
WOOD TURNING AND BLACKSMITHING (S. W. 4).....	1
	<hr/> 20

JUNIOR YEAR**First Term**

	HOURS
MECHANICS OF MATERIALS (C. E. 9).....	4
PROPERTIES OF MATERIALS (C. E. 5).....	3
PHYSICS (5)—Laboratory.....	4
ELEMENTARY MACHINE DESIGN (M. E. 3)—Six hours (counted as six hours)	6
PHILOSOPHY (5), (3 or 3a) is optional.....	2 or 3
WOOD AND METAL WORKING (S. W. 5)—Two hours (counted as one hour).....	1
	<hr/> 20 or 21

Second Term

THERMODYNAMICS (Physics, 12)—Mechanical Theory of Heat.....	2
ELECTRICITY, etc. (Physics, 6)—Laboratory	4
CHEMISTRY (14)—Chemical Technology, Lectures.....	2
GEOLOGY (2)—General Geology, Lectures.....	3
STRENGTH OF MATERIALS (X. E. 2)—Laboratory Course.....	1
ADVANCED MACHINE DESIGN (M. E. 4)—Nine hours (counted as six hours).....	6
MACHINE WORK (S. W. 6)—Machine Tools—Two hours (counted as one hour).....	1
GRAPHIC STATICS (C. E. 22)	2
	<hr/> 21

SENIOR YEAR**First Term**

	HOURS
POWER AND COMPRESSED AIR (M. E. 11).....	2
THEORETICAL HYDRAULICS (C. E. 11)—Lectures and Recitations ..	2
APPLIED HYDRAULICS AND STREAM (X. E. 5 and 7)—Lectures and Laboratory.....	2
BOILERS AND FITTINGS (M. E. 5).....	2
APPLIED THERMODYNAMICS (M. E. 7)—Nine hours (counted as six hours)	4
POLITICAL SCIENCE (3)—Lectures.....	3
APPLIED ELECTRICITY (X. E. 9).....	6
	<hr/> 21

Second Term**HOURS**

HYDRAULIC MACHINERY (C. E. 12).....	2
ENGINEERING DESIGN (M. E. 8)—Plans, Specifications and Estimates.....	4
INTERNAL COMBUSTION MOTORS (M. E. 6)—Lectures and Laboratory.....	2
HYDRAULIC POWER (X. E. 6)—Motors and Water Power.....	2
APPLIED ELECTRICITY (X. E. 10).....	6
THESIS.....	2

18**Chemical Engineering**

The course in Chemical Engineering is intended for those who desire to fit themselves for the management of factories which produce staples upon well-defined chemical principles. In the exploitation of the vast mineral and vegetable resources of the continent, chemistry often plays as important a rôle as machinery. The course therefore aims to combine a thorough knowledge of the construction and management of machinery with the principles of inorganic and organic chemistry and the methods of chemical analysis.

Admission to this course requires an elementary knowledge of chemistry, in addition to the subjects prescribed for those entering the School of Applied Science.

The number of hours stated in the various chemical courses represent the minimum requirements, while it is expected that serious students will devote additional time to the laboratory courses whenever they can conveniently do so, the laboratory being open every day, including Saturdays, from 9 A.M. to 6 P.M.

FRESHMAN YEAR**First Term****HOURS**

CHEMISTRY (3 and 5)—Elementary Inorganic Chemistry Lecture and Laboratory.....	4
MATHEMATICS (1)—Algebra and Trigonometry.....	4
FRENCH (1 or 3)—Grammar and Prose Writers.....	3
GERMAN (1 or 3)—Grammar and Reading.....	3
ENGLISH (1, 3)—Composition and Rhetoric, Public Speaking.....	3
MECHANICAL DRAWING (3).....	3

20

Second Term

	HOURS
CHEMISTRY (4)—Elementary Inorganic (continued).....	1
CHEMISTRY (6)—Qualitative Analysis.....	4
MATHEMATICS (2)—Analytical Geometry.....	5
FRENCH (2 or 4)—Reading.....	3
GERMAN (2 or 4)—Grammar and Reading.....	3
ENGLISH (4)—Composition.....	2
MECHANICAL DRAWING (4).....	3

21**SOPHOMORE YEAR****First Term**

CHEMISTRY (7)—Quantitative Analysis.....	4
CHEMISTRY (15)—Organic Chemistry.....	2
MATHEMATICS (3)—Calculus.....	4
MECHANICAL DRAWING (7).....	3
PHYSICS (3)—Lectures and Recitations.....	4
ENGLISH (5)—Prose Style.....	2
MECHANICAL DRAWING (7).....	3
SHOPWORK (3).....	1

23**Second Term**

CHEMISTRY (8)—Quantitative Analysis (continued).....	4
CHEMISTRY (16)—Organic Chemistry.....	2
MATHEMATICS (4)—Calculus (continued).....	2
PHYSICS (4)—Lectures and Recitations.....	4
CIVIL ENGINEERING (8)—Theoretical and Applied Mechanics.....	4
ENGLISH (12)—History of English Literature.....	2
SHOPWORK (4).....	1

19**JUNIOR YEAR****First Term**

CHEMISTRY (9)—Qualitative Analysis, Second Course or.....	
CHEMISTRY (13)—Fine Assay.....	3
CHEMISTRY (17)—Organic Synthesis.....	4
CHEMISTRY (19)—Physical Chemistry.....	2
CIVIL ENGINEERING (9)—Applied Mechanics.....	3
PHYSICS (5)—Laboratory Practice.....	4
GEOLOGY (7)—Determinative Mineralogy.....	2
PHILOSOPHY (5), (3 or 3a) is optional.....	2 or 3

20 or 21

Second Term

	HOURS
CHEMISTRY (10)—Sanitary Analysis.....	3
or	
CHEMISTRY (12)—Technical Analysis.....	3
CHEMISTRY (14)—Technological Chemistry.....	2
CHEMISTRY (20)—Physical Chemistry.....	2
EXPERIMENTAL ENGINEERING (3 and 4).....	2
PHYSICS (6)—Laboratory Practice.....	4
GEOLOGY (8)—Determinative Mineralogy (continued).....	2
	<hr/> 15

SENIOR YEAR**First Term**

CHEMISTRY (9)—Qualitative Analysis (Second Course)	3
or	
CHEMISTRY (13)—Technical Analysis, Fire Assay.....	3
CHEMISTRY (21)—Physical Chemistry, Laboratory Course.....	3
CHEMISTRY (23)—Advanced Laboratory Practice.....	3
CHEMISTRY (25)—Technological Chemistry, Second Course.....	3
CIVIL ENGINEERING (11)—Hydraulics	2
MECHANICAL ENGINEERING (5)—Boilers.....	2
EXPERIMENTAL ENGINEERING (5)—Applied Hydraulics.....	1
EXPERIMENTAL ENGINEERING (7)—Steam.....	1
	<hr/> 18

Second Term

CHEMISTRY (10)—Sanitary Analysis.....	3
or	
CHEMISTRY (12)—Technical Analysis.....	3
CHEMISTRY (18)—Advanced Inorganic Chemistry.....	2
CHEMISTRY (24)—Advanced Laboratory Practice, Second Course..	3
CHEMISTRY—Thesis Research.....	5
MECHANICAL ENGINEERING (10)—Applied Electricity.....	2
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DEPARTMENTS OF INSTRUCTION

MECHANICAL DRAWING (M. D.)

3. **DESCRIPTIVE GEOMETRY AND MECHANICAL DRAWING**—Lettering, Orthographic Projections, Plane Sections, Conic Sections, Intersection of Surfaces, Developments, Geometric Perspective applied to Practical Problems. Freshman First Term. Lectures and Recitations two hours, Drawing seven hours. Professor Lorentzen.
Textbook. Church: *Descriptive Geometry with Plates.*

Books of reference:

Mechanical Drawing, Tracy.

Technic of Mechanical Drafting, Reinhardt.

4. **FIRST TERM WORK** (continued)—Working, Drawings, Tracing and Blue Printing. Freshman Second Term. Lectures and Recitations two hours, Drawing four hours. Professor Lorentzen.

5. **TOPOGRAPHICAL DRAWING**—Symbols, Contours, Profiles. Sophomore First Term. Drawing eight hours.

Professor Haring and Mr. Van Horne.

Books of reference:

Topographical Drawing, Reed.

Publications United States Coast and Geodetic Survey.

7. **MACHINE DRAWING**—Designs of Screw Threads, Nuts, Bolts, Rivets and Simple Fastenings. Free-hand Sketching from Machine Parts and Models. Transferring Sketches into Machine Drawings. Sophomore First Term. Drawing four hours. Professor Lorentzen.

Books of reference:

Machine Design, Unwin.

Elements of Machine Design, Klein.

Manual of Machine Design, Low & Davis.

9. **ADVANCED DESCRIPTIVE GEOMETRY**—Junior First Term. Lectures and Recitations two hours.

10. **DESCRIPTIVE GEOMETRY AND STEREOTOMY**—Laying out Stone Arches, Abutments, Retaining Walls, Buttresses, etc. Practical Problems. Junior First Term. Lectures and Drawing two hours.

Books of reference:

Problems in Stone Cutting, Warren.

Fortifications and Stone Cutting, Mahan.

NOTE: Advanced Drawing forms a large part of the work in Mechanical Engineering Courses 2, 3, 4, 7, 8, and in Civil Engineering Courses 13, 22, and 24.

The drawing-room is open to all students throughout the day. Students are expected to devote as much time as possible to drawing outside of the regular hours of instruction. Students must work at the particular desks to which they have been assigned.

SURVEYING (Su.)

1. **SURVEYING**—Theory and Practice. Use of Instruments. Freshman First Term. Two hours Recitation, also Field Practice on Saturday mornings.

Professor Alexander Haring, Mr. Bryans and Mr. Van Horne.

Textbook: Plane Surveying, Breed and Hosmer.

Books of reference:

Engineer's Surveying Instruments, Baker.

Land Surveying, Johnson.

Land Surveying, Gillespie.

Plane Surveying, Carhart.

2. **SURVEYING**—Theory and Practice, Use of Instruments, Adjustments, Level Work, General Practice. Freshman Second Term. Two hours recitations, also Field Practice on Saturday mornings.

Professor Alexander Haring, Mr. Bryans, Mr. Van Horne and Mr. Lozier.

4. **SURVEYING**—Geodesy. Junior Second Term. One hour Recitations. Professor Alexander Haring.

Textbook: Theory and Practice of Surveying, Johnson.

Books of reference:

Geodetic Surveying, Merriman.

Higher Surveying, Gillespie.

Reports of the United States Geodetic Survey.

Elements of Geodesy, Gore.

The Figure of the Earth, Roberts.

Geodesy, Clarke.

5. **SURVEYING**—Field Practice. Topography. Juniors. Four weeks in Field. Professor Alexander Haring.

6. **SURVEYING**—Theory and Practice, Topographical, Hydrographical, Railway, City and Mine Surveying. Sophomore Second Term. Two hours. Professor Haring, Mr. Van Horne and Mr. Lozier.

Textbook: Theory and Practice of Surveying, Johnson.

Books of Reference:

Plane Surveying, Raymond.
 Plane Surveying, Carhart.
 Higher Surveying, Gillespie.
 Topographical Drawing and Sketching, Reed.
 Reports and Monographs of the United States Geological Survey.
 Engineering News.
 Engineering Record.

7. **SURVEYING—Field Practice.** Railway Field Engineering. Includes Location, Staking and Estimates of short line of Railroad. Seniors. Four weeks in Field. Professor Alexander Haring.

CIVIL ENGINEERING (C. E.)

2. **RAILWAY ENGINEERING—Curves, Earth Work, Computations, Construction, Signaling.** Junior Second Term. Recitations two hours. Professor Alexander Haring and Mr. Van Horne.

Textbook: Railway Curves and Earthwork, Allen.

Books of reference:

Field Engineering, Searles.
 Field Book for Engineers, Henck.
 Railway Curves and Location, Shunk.

3. **HIGHWAY ENGINEERING—Foundations, Surveys, Culverts, Grades, Paving Materials, Construction, Implements, Maintenance, Specifications and Practical Problems.** Junior First Term. Recitations two hours. Professor Alexander Haring.

Lecturer, Mr. Henry P. Morrison.

Textbook: Roads and Pavements, Baker.

Books of reference:

Roads, Streets, and Pavements, Gillmore.
 The Science of Road-Making, Herschel.
 Construction and Maintenance of Roads, North.
 Highway Manual of New York (Official Reports).
 Transactions American Society of Civil Engineers.
 Street Pavements and Paving Materials, Tillson.

5. **PROPERTIES OF MATERIALS—Wood, Stone, Brick, Cement, Concrete, Iron, Steel, Paints, Explosives, etc.** Junior First Term. Lectures three hours. Professor Snow.

Books of reference:

Materials of Machines, Smith.
 Stones for Building and Decoration, Merrill.
 Principal Species of Wood, Snow.
 Bricks, Tiles, and Terra Cotta, Davis.

Cements, Limes and Plaster, Eckels.
 Paints, Colors, Oils, and Varnishes, Hurst.
 Limes, Hydraulic Cements, and Mortars, Gillmore.
 Materials of Engineering, Thurston.
 Steel, Metcalf.

6. **LANDSCAPE ARCHITECTURE**—A course of three Lectures delivered during the Second Term of the Junior Year. Compulsory but no credits allowed. Lecturer, Mr. Vaux.

Books of reference :

Sketches and Hints on Landscape Gardening, Repton.
 Landscape Gardening, Downing.
 Landscape Gardening, Smith.
 Landscape Gardening, Parsons.
 Landscape Gardening, Maynard.
 Landscape Architecture, Cleveland.
 Parks and Gardens of Paris, Robinson.
 Italian Gardens, Platt.

8. **THEORETICAL AND APPLIED MECHANICS**—Kinematics, Statics and Kinetics, especially with reference to problems of engineering, as in dams, retaining walls, friction, and motive power. Sophomore Second Term. Recitations four hours. Professor Houghton and Mr. Lozier.
 Textbook : Wright's Elements of Mechanics.

Books of Reference :

Lanza, Rankine, Minchin, and others.

9. **APPLIED MECHANICS**—Strength of Materials, Beams, Girders, Columns, Rivets, Joints, etc. Junior First Term. Recitations two hours. Professor Houghton and Mr. Lozier.
 Textbook : Merriman's Mechanics of Materials.

Books of reference :

Alexander and Thomson's Applied Mechanics.
 Lanza's Applied Mechanics.
 Cotterill's Applied Mechanics and other standard works.

10. **PRINCIPLES OF CONSTRUCTION**—Foundations, Masonry, Retaining Walls, Dams, Piers and Abutments, Building Superintendence. Junior Second Term. Lectures two hours. Professor Snow.

Textbooks :

Masonry Construction, Baker.
 Building Construction and Superintendence, Kidder.

Books of reference :

Design and Construction of Masonry Dams, Wegmann.
 Wooden Trestle Bridges, Foster.
 Public Works United States, Black.
 Contracts and Specifications, Johnson.

11. **HYDRAULICS**—Hydrostatics, Weir Measurements, Flow of Water through Pipes, Orifices, Canals, Rivers, Coefficient of Friction, Calibration of Nozzles. Lectures and Laboratory. Senior First Term. Recitations two hours. Professor Bliss.

Textbook: Hydraulics, Merriman.

Books of reference:

Experimental Engineering, Carpenter.

Practical Hydraulic Formulæ, Gould.

Manual of Civil Engineering, Rankin.

Friction of Water in Pipes, Weston.

12. **HYDRAULIC MOTORS AND MACHINERY**—Water Wheels, Rams, Pumps, Turbines, etc. Lectures and Laboratory. Senior Second Term. Lectures and Recitations two hours. Professor Bliss.

Books of reference:

Hydraulics, Bovey.

Hydraulics and Hydraulic Motors, Weisbach.

Hydraulic Motors, Turbines and Pressure Engines, Bodmer.

13. **ROOFS AND BRIDGES**. Framed Structures, as Trestles, Cranes, etc. Bridge Trusses, Howe, Warren, Pratt, Bowstring and other standard forms. Bridge Drafting, Plans, Specifications, Office Methods. Senior First Term. Recitations, four hours.

Professor Alexander Haring.

Textbook, Merriman's Roofs and Bridges, Parts I, III, and IV.

Books of reference:

Stresses in Bridge and Roof Trusses, Burr.

Strains in Framed Structures, Du Bois.

Modern Framed Structures, Johnson.

Wooden Trestle Bridges, Foster.

Bridge Drafting, Wright and Wing.

15. **SANITARY ENGINEERING**—Sewers and Sewage Disposal, General Principles of Sanitation, Preliminary Surveys, Details of Construction, Separate System, Combined System, Methods of Disposal, Street Cleaning. Senior First Term. Lectures two hours. Professor Snow.

Books of reference:

Staley and Pierson's Separate System of Sewers.

Cleaning and Sewerage of Cities, Baumeister.

Sewage Disposal, Waring.

Sewage Disposal in United States, Rafter and Baker.

Reports Massachusetts State Board of Health.

Sewerage and Land Drainage, Waring.

Sewers and Drains, Adams.

Drainage and Sewerage of Buildings, Gerhard.

Domestic Sanitary Drainage and Plumbing, McGuire.

16. **SANITARY ENGINEERING** (Course 15 continued)—Senior Second Term. Lectures two hours until completion. Professor Snow.

17. **WATER WORKS**—Qualities of Water, Sources of Supply, Purification and Storage, Design, Construction. Senior Second Term. Lectures two hours. Professor Snow.

Books of reference:

Public Water Supply, Turncawn and Russell.
Water-Works Engineering, Folwell.
Water Supply, New York City, Wegmann.
Practical Hydraulic Formula, Gould.
Manual Irrigation Engineering, Wilson.
Water Supply, Nichols.
Water Supply, Mason.
Filtration Public Water Supply, Hazen.

18. **QUARRY METHODS, MINE OPERATIONS, TUNNELS**—Machinery, Tim-bering, Ventilation, Underground Operations, Shafts. Senior Second Term. Lectures two hours weekly. Professor Snow.

Books of Reference:

Quarry and Mine Methods, Foster.
Tunneling, Drinker.
Practical Tunneling, Simms.
Transactions American Institute of Mining Engineers.
Mining Manual, Ihlseng.

19. **RAILROAD ECONOMICS**—Organization, Operation, Maintenance, Traf-fic, Expenses and Revenues. Seniors, First Term. Recitations two hours. Professor Alexander Haring.

20. **ENGINEERING DESIGN**—Complete Plans, Specifications and Estimates of Selected Engineering Problems. Senior Second Term. Lectures, Recitations and Drawing two hours. Professor Snow.
Mr. Brush.

22. **GRAPHIC STATICS**—Junior Second Term. Recitations two hours. Professor Alexander Haring.

Textbook: The Elements of Graphic Statics, Hoskins.

24. **Bridge Design, Details and Calculations.** Complete Working Drawings. Senior Second Term. Drawing four hours. Professor Alexander Haring.

SHOP WORK (S.W.)

3. **CARPENTRY**—Elementary work in Joinery and Carpentry. Sopho-more First Term. Thirty hours during the term. Mr. Faulls.

4. **WOOD-TURNING AND BLACKSMITHING**—Use of Wood-Turning Machines and Tools, Forge Work, Tempering and Welding. Sophomore Second Term. Thirty hours during the term. Mr. Faulls.
5. **WOOD AND METAL WORKING**—Bench and Vise Work, Pattern Making. Junior First Term. Thirty hours during the term. Mr. Faulls.
6. **MACHINE WORK**—Use of Lathes, Drills, Planer and Shaper, Pipe Tap and Die Work. Junior Second Term. Thirty hours during the term. Mr. Faulls.

MECHANICAL ENGINEERING (M.E.)

2. **APPLIED KINEMATICS**—Theory of Tooth Gearing, Gear Trains, Cams, etc. Sophomore Second Term. Lectures three hours, Drawing six hours. Professor Houghton.
3. **ELEMENTARY MACHINE DESIGN**—Principles of Machine Design, Choice of Materials for Machines. Junior First Term. Lectures two hours, Drawing four hours. Additional three hours. Professor Houghton.
4. **ADVANCE MACHINE DESIGN**—Determination of Stresses in Machines and Proportioning of Parts. Junior Second Term. Lectures two hours, Drawing four hours. Additional three hours. Professor Houghton.
5. **BOILERS AND FITTINGS**—Standard Types. Details of construction and operation. Senior First Term. Lectures two hours. Professor Bliss.
6. **INTERNAL COMBUSTION MOTORS**—Gas, Oil and Hot-Air Engines. Special Engines. Senior Second Term. Lectures two hours. Professor Houghton.
7. **APPLIED THERMODYNAMICS**—Theory and Design of the Steam Engine. Senior First Term. Lectures two hours, Draughting four hours. Additional three hours. Professor Houghton.
8. **ENGINEERING DESIGN**—Drawings and Estimates for Power and Pumping Stations, Office Building and Manufacturing Power Plants, or Locomotive Design. Senior Second Term. Lectures and Drawing four hours. Professor Bliss.
11. **POWER, COMPRESSED AIR**—Lectures and Laboratory Tests. The transmission of power by various systems, and the measurement of power by dynamometers. The theory and practice of air compression, and the application of compressed air to various industrial purposes, such as mining, sewerage, work in foundries, pneumatic-tube service, air brakes, etc. Senior First Term. Lectures two hours. Professor Hering.

Books of Reference :

The Development and Transmission of Power, Unwin.
 Dynamometers and the Measurement of Power, Flather.
 L'Air Comprime, Pernolet.
 Die Gebläse, Von Ihering.
 Technische Thermodynamik, Zeuner
 "Compressed Air" (Magazine).

EXPERIMENTAL ENGINEERING (X. E.)

2. **STRENGTH OF MATERIALS**—Course in Testing Laboratory, supplementary to Course C. E. 8. Junior Second Term. Laboratory two hours. Professor Bliss.

Books of Reference :

Watertown Arsenal Reports.
 Textbook of Materials of Construction, Thurston.
 Lanza's Applied Mechanics.
 Laboratory Practice, Smart.

4. **CEMENTS AND CEMENT TESTING**—Laboratory Course Optional. Supplementary to Course C. E. 5. Junior Second Term. Laboratory two hours. Mr. Bryans.

Book of Reference :

Specifications American Society Civil Engineers.

5. **APPLIED HYDRAULICS**—Laboratory Course, supplementary to Course C. E. 11. Senior First Term. Laboratory two hours. Professor Bliss.
6. **HYDRAULIC POWER**—Laboratory Course, supplementary to C. E. 12. Water Wheels, Rams, Pumps, Turbines, etc. Lectures and Laboratory. Senior Second Term. Laboratory two hours. Professor Bliss.

7. **STEAM**—Fuel Economy, Boiler Operation, Boiler Tests, Indicator Practice, Engine Tests and Efficiency Trials. Senior First Term, Lectures and Laboratory two hours.

Textbook :

Engineering Laboratory Practice, Smart.

9. **ELECTRICAL PRACTICE—DIRECT CURRENT.**—Theory of dynamo electric machinery. Operation of D. C. dynamos and motors with laboratory and commercial tests on the same. Transmission of electricity. Lectures, recitations and laboratory work. Senior First Term. Six hours. Professor Arnold.
10. **ELECTRICAL PRACTICE—ALTERNATING CURRENT.**—Theory of the alternating current; its measurement and transmission. Operation with tests of A. C. machinery. Lectures, recitations, laboratory work. Senior Second Term. Six hours. Professor Arnold.

Books of Reference :

- Elements of Practical Engineering, Franklin and Esty.
 Polyphase Electric Currents, Thompson.
 Laboratory and Factory Tests in Electrical Engineering, Sever
 and Townsend.
 Alternating Currents and A.C. Machinery, Jackson and Jackson.

MATHEMATICS

1. **ADVANCED ALGEBRA AND REVIEW TRIGONOMETRY**—Quadratic Equations, Binomial Theorem, Logarithms, Progressions, Series, Determinants, etc.; Trigonometric Functions and Identities, Systematic Arrangement of Logarithmic Work, Inverse Functions. Freshmen First Term. Recitations four hours.

Professor Edmondson and Mr. Thorne.

Textbooks :

- Hall and Knight's Elementary Algebra.
 Phillips' and Strong's Trigonometry.

2. **ANALYTICAL GEOMETRY**—Principles underlying Application of Algebraic Analysis to Geometry. The Analytic Geometry of the Straight Line, the Circle, and Conics, including the General Equation of the Second Degree. Freshman Second Term. Recitations four hours.

Professor Edmondson.

Textbook :

- Tanner and Allen's Analytic Geometry.

3. **CALCULUS** with Applications to Problems in Mechanics, Elementary Differential Equations, and Elementary Solid Analytical Geometry. Sophomore First Term. Recitations four hours.

Professor Edmondson and Mr. Thorne.

Textbook :

- Osborne's Calculus.

4. **CALCULUS (Continued)**—Sophomore Second Term. Lectures and recitations two hours. Professor Edmondson and Mr. Thorne.

11. **SPHERICAL TRIGONOMETRY AND PRACTICAL ASTRONOMY**—The Development of Formula for the Solution of Spherical Triangles and their Application to Problems in Astronomy, Navigation, and Geodetic Surveys. Junior First Term. Lectures and Recitations two hours.

Professor Edmondson.

Textbook :

- Phillips' and Strong's Trigonometry.

PHYSICS

3. **ELEMENTARY MECHANICS**—Work and Energy, Liquids, Gases, Heat. Recitations. Sophomore First Term. Recitations four hours.

Assistant Professors Arnold and Campbell.

4. **MAGNETISM AND ELECTRICITY**—Theory and Industrial Applications. Physics of Sound and Light. Recitations. Sophomore Second Term. Recitations four hours.

Assistant Professors Arnold and Campbell.

5. Exercises in Applied Mechanics, Elasticity, Determination of Densities, Paths of Projectiles, Verification of Laws of Motion. Exercises in Thermometry, Calorimetry, Determination of Dynamical Equivalent of Heat, etc. Work in Physical Laboratory, Junior First Term. Laboratory four hours.

Professor Hering.

Assistant Professor Arnold.

6. Laboratory Practice upon Principles of Magnetism, Electricity and Light, comprising such exercises as Determination of Magnetic Field-Strength, Magnetic Moment, Electric Resistance, Electromotor Force, Capacity, Photometry of Electric Incandescent and Arc Lamps, Wave Lengths of Light, Indices of Refraction, etc. Junior Second Term. Four hours.

Professor Hering.

Assistant Professor Arnold.

Books of Reference:

Dynamos, Electric Machinery, S. B. Thompson.

Alternating Current Machinery, Jackson.

Electric Railway, Crosby and Bell, Abbott.

9. Advanced Laboratory Work, Electrical and other Special Problems. For Graduates or Advanced Special Students. Professor Hering.
10. Advanced Laboratory Work, Electrical and other Special Problems. For Graduates or Advanced Special Students. Professor Hering.
12. **THERMODYNAMICS**—Mechanical Theory of Heat, Principles Mathematically Treated, Properties of Vapors and Gases, Refrigeration. Junior Second Term. Lectures two hours. Professor Houghton.

GEOLOGY

2. **GEOLOGY**—General Geology. Advanced Course. Engineering Applications. Junior Second Term. Lectures three hours.

Professor Stevenson.

5. **GEOLOGY**—Economic Geology. Water, Building Stones, Brick, Fire Clay, Abrasives, Geology of Soils, Fertilizers, Coal, Mineral Oils, Natural Gas, Ore Deposits of Iron, Copper, and other Metals. Estimation of the value of Mineral Lands. Senior First Term. Lectures two hours.

Professor Stevenson.

6. GEOLOGY—Economic Geology, continued. Senior Second Term. Lectures three hours. Professor Stevenson.
7. DETERMINATIVE MINERALOGY—Laboratory Course. Senior First Term. Laboratory two hours. Professor Stevenson.
8. DETERMINATIVE MINERALOGY—Laboratory Course, continued. Junior Second Term. Laboratory two hours. Professor Stevenson.

CHEMISTRY

Many of the courses in Chemistry have been re-numbered in this edition of the Bulletin. Where such changes have been made, the old numbers are given in parentheses directly after the present numbers.

2. ELEMENTARY CHEMISTRY—Second Term, Tuesday, at 3.15 and Friday, at 10.30. Associate Professor Lamb.
3. ELEMENTARY CHEMISTRY—A continuation of chemistry 2. First Term, Monday and Tuesday, at 11.30; Thursday at 1.15. Associate Professor Lamb.
4. ELEMENTARY CHEMISTRY—A continuation of chemistry 3, with especial reference to the metallurgy of the commoner metals and to the more important branches of chemical manufacture. Second Term, Tuesday, at 11.30. Associate Professor Lamb.
5. (1) EXERCISES IN EXPERIMENTAL INORGANIC CHEMISTRY—Designed to supplement the lecture course, Chemistry 3, without which it cannot be taken. First Term, Friday, 1.15–3.15. Associate Professor Lamb.
6. ANALYTICAL CHEMISTRY — First Course. Qualitative Analysis. 1 Lecture. 5 Laboratory periods. Second Term, Monday, 10.30–12.30 and 2.15–4.45; Friday, 2.15–4.15. Associate Professor Hill.
7. ANALYTICAL CHEMISTRY—Second Course. Quantitative Analysis. Open to those who have completed 6. First Term, Monday, 10.30–12.30; Wednesday and Thursday, 11.30 and 1.15. Mr. Simmons.
8. (10) ANALYTICAL CHEMISTRY—Third Course. Quantitative Analysis. Second Term, Monday, 2.15–4.15; Thursday, 1.15–3.15; Friday, 2.15–4.15. Mr. Simmons.
9. (11) ANALYTICAL CHEMISTRY—Fourth Course. Qualitative Analysis. First Term, Monday, 1.15–4.15; Thursday, at 11.30; Friday, 10.30–12.30. Given in alternate years. Mr. Simmons.
10. (24) SANITARY ANALYSIS—The chemical investigation of drinking-waters, of the atmosphere, etc. Second Term, Tuesday, at 2.15; Friday, at 10.30, and 2 additional hours. Given in alternate years. Mr. Simmons.

12. **TECHNICAL ANALYSIS** of gas, water, iron, etc. Second Term, 8 hours. Alternates with 8. Mr. Simmons.
13. **TECHNICAL ANALYSIS—Fire Assay.** First Term, 6 hours. Alternates with Chemistry 9. Associate Professor Lamb.
14. **TECHNOLOGICAL CHEMISTRY—Fuels, Furnaces, Furnace Gases, Thermo-Chemical Calculations.** Second Term, Tuesdays and Wednesdays at 1.15. Mr. Simmons.
15. **CARBON COMPOUNDS—Aliphatic Series.** Lectures. First Term, Tuesday, at 3.15, and Friday, at 9.15. Associate Professor Hill.
16. **CARBON COMPOUNDS—Aromatic Series and the Bases.** Lectures. Second Term, Monday, at 3.15, and Thursday, at 2.15. Associate Professor Hill.
17. (20) **LABORATORY PRACTICE IN ORGANIC SYNTHESIS—First Term,** Monday, 1.15-4.15, and 2 additional hours. Associate Professor Hill.
18. **ADVANCED INORGANIC CHEMISTRY—Lectures.** Second Term, Wednesday and Thursday at 11.30. Associate Professor Hill.
19. (21) **PHYSICAL CHEMISTRY—Lectures.** First Term, 2 hours. Associate Professor Lamb.
20. (22) **PHYSICAL CHEMISTRY—Lectures.** Second Term, 2 hours. Associate Professor Lamb.
21. **PHYSICAL CHEMISTRY—Laboratory Practice, 6 hours.** Associate Professor Lamb.
23. **ADVANCED LABORATORY PRACTICE—First Term, 6 hours.** Associate Professors Lamb and Hill and Mr. Simmons.
24. **ADVANCED LABORATORY PRACTICE.—Second term, 6 hours.** Associate Professors Lamb and Hill and Mr. Simmons.
25. **TECHNOLOGICAL CHEMISTRY.—Second Course.** Lectures. First Term. 3 hours. Mr. Simmons.

ENGLISH

1. **Declamations—Practice in the oral interpretation of selected specimens of spoken discourse.** Training in the use of the voice, and in proper modes of delivery, is given in private rehearsals. Freshman First Term, Wednesday, at 10.30.
3. **Rhetoric and English Composition—Study of the art of composition.** Themes, written exercises, individual criticism. Readings. Freshman First Term, Section B, Wednesday and Thursday, at 11.30; Section C, Wednesday at 9.15, Friday at 1.15.

4. English Composition—Practice in exposition, description and narration. Fortnightly themes, written exercises, individual criticism. Readings. Freshman Second Term, Section B, Monday at 9.15 and Thursday at 10.30. Section C, Monday at 9.15 and Wednesday at 3.15.

5. English Prose Style—Study of prose style and of representative prose authors. Practice in advanced composition. Sophomore First Term, Monday and Wednesday, at 3.15. Prof. Bouton.

12. History of English Literature—Review of the growth and development of the literature, on the basis of Morley's English Writers. Sophomore Second Term, Thursday and Friday at 9.15.

Professor Stoddard and Mr. Nason.

GERMAN

1. Elementary Course—Bierwirth's Beginning German; Gerstäcker's *Germelshausen* begun. First Term, Monday, Tuesday, and Wednesday, at 1.15. Professor McLouth.

2. Elementary Course—Composition, syntax and easy German comedy. Second Term, Tuesday, Wednesday, and Thursday, at 1.15. Professor McLouth.

(Courses 1 and 2 open only to students presenting two other languages at entrance.)

3. Selected Narrative Prose; Jagemann's German Composition. First Term, Monday, Tuesday, and Wednesday, at 2.15.

4. Course in Historical Prose—The reading of graded historical prose, continued study of word-formation and syntax, sight reading, and the translation of English prose into German. Schiller's History of the Thirty Years' War, Schönfeld's German Historical Prose, and von Sybel's *Die Erhebung Europas gegen Napoleon I.* Jagemann's German Prose Composition. Lectures on German literature and history. Second Term, Monday, Tuesday, and Wednesday, at 2.15.

Sec. A, Associate Professor Wilkens; Sec. B, Professor McLouth.

(Courses 3 and 4 are designed for students presenting German at entrance.)

FRENCH

1. Elementary Course (open only to students who present two other languages at entrance); Bacon's New French Course; Super's Preparatory French Reader; Dictation; Exercises. First Term, Monday, Tuesday, and Wednesday, at 1.15.

2. Grammar, continued; Syntax. Exercises in French Composition; Translation of play or story. Second Term, Tuesday, Wednesday, and Thursday, at 1.15.

3. French Grammar (Fraser & Squair's); Syntax and Prose Composition; Dictation; Selected modern writers; Erckmann-Chatrian, De Vigny, Halévy. First Term, Monday, at 9.15; Wednesday and Thursday, at 11.30. Sec. A, Professor Gillett; Sec. B, —

4. French Grammar (Fraser & Squair's), continued; Selected Readings from modern authors; Souvestre, Mérimée, About, De Maistre. Second Term, Section A, Monday, at 1.15; Wednesday and Thursday, at 11.30. Section B, Tuesday, Thursday, and Friday at 2.15. Sec. A, Professor Gillett; Sec. B, —

(Courses 3 and 4 are designed for students presenting French at entrance.)

PHILOSOPHY

3. History of Christianity. First Term, Monday, at 3.15.
Optional. Professor Jackson.
- 3a. New Testament Literature. First Term, Friday, 9.15.
Optional. Chancellor MacCracken.
5. Psychology. First Term, Monday, 10.30, and Friday, at 10.30.
Required. Professor Shaw.

POLITICAL SCIENCE

3. Political Economy. First Term, Tuesday at 10.30 and 11.30; Wednesday at 1.15. Professor Johnson.

BACHELOR'S AND ENGINEER'S THESES

Candidates for Bachelor's degrees are required to prepare theses under the following conditions:

The subject of the thesis must be presented to the Dean and receive the approval of the Faculty before the end of April of the Junior year. The thesis must contain not less than two thousand, or more than four thousand words. The completed thesis, upon approval, must be typewritten and bound so as to occupy space eight inches by ten and three-fourths inches. It must be filed with the Librarian on or before May 1 preceding Commencement.

Candidates for Engineer's degrees are required to prepare theses under the following conditions: The thesis, unless otherwise ordered by the Faculty, must contain not less than four thousand words. The subject of the thesis must be presented to the Dean and the approval of

the Faculty must be obtained before the end of September preceding the Commencement upon which the degree is to be conferred.

This thesis also must be filed with the librarian on or before May 1, preceding commencement.

A thesis must present as its contents the following:

(a) The written record of the results of an original investigation undertaken by the candidate and pursued in connection with one of the courses to which he has given special attention; or

(b) A critical examination of a published investigation or of a proposed method; or

(c) Such a collation, presentation, and discussion of the application of engineering principles to some specific work as shall entitle the work to rank as a contribution to the literature of the subject treated.

ADDITIONAL INFORMATION

Cement Testing

Tension tests are made on the one-thousand-pound Fairbanks Automatic Testing Machine. The large Riehle machine is employed for crushing. Moist closet, emersion tanks, automatic sieves, freezing apparatus, and abrasion machinery are in place. Sieves, molds, wires, and similar apparatus are provided by the School. Facilities for conducting chemical analyses are to be had in Havemeyer Chemical Laboratory.

Steam Engineering Laboratory

The course in steam for which this laboratory has been fitted is compulsory for all civil as well as mechanical engineering students.

A thorough practical understanding of the subjects of fuel economy, water consumption, and methods of conducting standard boiler and engine tests is obtained. The boiler and engine rooms are equipped with four horizontal tubular boilers of about 120 horse-power each, a simple throttling engine; also a high-speed Westinghouse engine and "C and C" dynamo, with the usual voltmeters and ammeters for calculating electrical horse-power, besides the University Electric Plant, consisting in part of a 75-K.W. Ball & Wood engine, with a direct connected Siemens-Halske generator.

All the necessary apparatus for boiler testing has been provided. The list includes steam-gauges, pyrometer, manometer, and draught-gauge; throttling calorimeter, for obtaining the moisture in steam; simple calorimeter, for calculating furnace efficiency, etc.

In engine testing, dynamometers for obtaining friction loads on engines are available; indicator-cards are taken and horse-power calculated; also all the usual deductions are made from the cards for a complete test.

Students have opportunities for making tests on engines outside of the University, some of the largest plants in the city being thus available.

The University possesses an extensive heating and ventilating plant, the boilers, blowers, and engines of which are available for testing.

Apparatus has been installed for testing various types of injectors.

Shop Work

The course in this department covers the subjects of Carpentry, Wood Turning, Pattern Making, Bench and Vise Work, the use of Machine Tools and Blacksmithing. The shop for the latter is equipped with the latest type of Down Draft Forges, thus keeping the atmosphere of the room clear of smoke and gases at all times.

The carpenter and machine shops are provided with all the necessary Speed and Engine Lathes, besides the other essential tools usually found in properly equipped plants. Shop practice is distributed over two years in Mechanical and Marine Engineering and one year in Civil Engineering.

Testing Laboratory

This laboratory has been equipped with a machine of 200,000 pounds capacity for making tension, compression, and transverse tests of iron, steel, building stone, wood, concrete, and all other materials. The machine was built by Messrs. Riehle Bros., of Philadelphia, from their latest designs, and is presumed to be one of the finest machines of its class in existence. It is equipped with the Gray autographic attachment for automatically registering strain diagrams. By means of this attachment accurate records of the behavior of the material tested are made.

A machine for making torsion tests has been built for the University by Messrs. Tinius Olsen & Co., of Philadelphia, and is now in place. This machine is also unique in several important particulars. Bars up to two and one-half inches in diameter can be accommodated by it. A standard abrasion machine for testing paving materials has been installed.

The laboratory is fully equipped with auxiliary apparatus, as a large variety of wedge clutches, grips, and other fixtures. Power is furnished from a separate engine and also an electric motor in the physical laboratory.

Electric Laboratory

The electric laboratory is equipped with measuring instruments and other apparatus suitable for the performance of the principal electrical

engineering experiments on dynamo machinery in both direct and alternating currents. It is the purpose of the University to extend its equipment in this department as rapidly as possible.

Power; Compressed Air

The laboratory is provided with a Riehlé-Robinson transmission dynamometer, an Emerson and a Van Winkle power meter, and various other work measuring machines, mechanical and electrical. A complete equipment of the Westinghouse Air Brake and Compressor has been installed, and a large rock drill has been furnished by the Ingersoll-Sergeant Co.

Geology

During the earlier portion of the course the student receives instruction in General Geology, but during the Junior year lectures are given in detail upon those types of geological structure which are likely to concern the civil engineer in the practice of his profession. During the Senior year, studies are pursued in applications of Geology as well as in Determinative Mineralogy, in the latter with a view especially to enable the student to recognize the more important minerals in the forms of ordinary occurrence.

The museum material is ample in all directions, and the lecture-room is well supplied with charts, models, and lantern slides. Excursions are made during the spring to neighboring localities illustrating geological phenomena.

III

UNIVERSITY SUMMER SCHOOL

ANNOUNCEMENTS FOR 1908

THE SUMMER SCHOOL

Faculty

HENRY M. MACCRACKEN, D.D., LL.D.
Chancellor of the University

JAMES E. LOUGH, PH.D.
Psychology. Director of the School

ERNEST G. SIHLER, PH.D.
Latin

MARSHALL S. BROWN, M.A.
History and Government

CHARLES L. BRISTOL, PH.D.
Biology

LAWRENCE A. McLOUTH, B.A.
German

THOMAS W. EDMONDSON, PH.D.
Mathematics

WILLIAM E. WATERS, PH.D.
Greek and History of Art

ALBERT I. CALAIS, B.L.
French

ARTHUR E. HILL, PH.D.
Chemistry

ARTHUR B. LAMB, PH.D.
Chemistry

J. LORING ARNOLD, PH.D.
Physics

JOSEPH S. TAYLOR, PH.D.
(District Superintendent, New York City)
Principles and Methods of Teaching

MRS. ANNIE L. JESSUP
(Director of Sewing, Manhattan, Bronx and Richmond Boroughs)
Domestic Art

JAMES PARTON HANEY, B.S., M.D.
(Director of Art and Manual Training, New York City Public Schools, Boroughs of
Manhattan and the Bronx)
Manual Arts

CHARLES T. MCFARLANE, Ph.D.
(Principal State Normal School, Brockport, N. Y.)
Geography

ANDREW W. EDSON, A.M.
(Associate City Superintendent, New York City Schools)
School Management and Organization

CHARLES WILLIAM KENT, Ph.D., LL.D.
(Head of Department of English, University of Virginia)
English Literature

A. CASWELL ELLIS, Ph.D.
(University of Texas)
Education

MISS GERTRUDE EDMUND, B.S., Ph.D.
(Principal Lowell Training School)
Special Methods

FREDERICK SLOCUM, Ph.D.
(Brown University)
Mathematics

ARTHUR H. NASON, M.A.
Rhetoric and English Literature

CHARLES WILBERT SNOW, B.A.
Rhetoric and English Composition

LEE GALLOWAY, Ph.D.
Industrial History and Industrial Organization

LOUIS DELAMARRE, Ph.D.
French

W. H. LOUGH, Jr., M.A.
Economics

MISS JANE G. CLOSE
(Supervisory Teacher, Public Schools, Manhattan)
Domestic Art

MISS ANNIE L. LOGUE
(Supervisory Teacher, Public Schools, Manhattan)
Domestic Art

HENRY GRISCOM PARSONS
School Gardens

MISS JESSIE HALL BINGHAM
(Assistant to the Director of Manual Arts, New York City Schools)
Object Drawing and Constructive Work for Elementary Schools

ALBERT W. GARRITT
(Assistant to the Director of Manual Arts, New York City Schools)
Shop Work and Drawing

NEW YORK UNIVERSITY

THOMAS TAPPER

(Institute of Musical Art)

*Music***HOLLIS E. DANN, Mus. D.**

(Professor of Music, Cornell University)

*Music***MISS V. E. COLEMAN**

(Institute of Musical Art)

*Music***EMORY P. RUSSELL**

(Director of Music, Providence Public Schools, and Rhode Island Normal School)

*Music***MRS. THOMAS M. BALLIET**

(Formerly Supervisor of Music, Springfield Public Schools)

*Music***BURTON T. SCALES, M.A.**

(Director of Music, Penn Charter School, Philadelphia)

*Music***MRS. MARY E. WILLIAMS**

(Director Domestic Science Work, New York City Public Schools)

*Domestic Science***MISS M. KATHERINE CHRISTIAN**

(Supervisory Teacher, Public Schools, New York City)

*Domestic Science***MISS WINIFRED A. ROE**

(Supervisory Teacher, Public Schools, New York City)

*Domestic Science***MISS SUSAN H. GILMAN**

(Director of Physical Training, The Misses Masters' School, Dobbs Ferry)

*Physical Training***MISS ELIZABETH BURCHENAL, A.B.**

(Inspector of Athletics, Public Schools Athletic League of New York)

*Physical Training***R. THURSTON LEVALLEY, B.S.**

(Stevens Institute, Academic Department)

*Assistant in Physics***WILLIAM H. REESE, M.S.**

(Muhlenberg College)

*Assistant in Chemistry***CHARLES JAMES SMITH, B.S.**

(Mt. Vernon High School)

*Assistant in German***MISS LOIS B. WHITE**

(Brockport Normal School)

*Assistant in Geography***BELLE CORWIN, M.D.***Librarian of the General Library*

THE SUMMER SCHOOL

General Statement

The fourteenth Summer School of New York University will open at University Heights, New York City, on Wednesday, July 1, 1908, and continue six weeks, closing Tuesday, August 11. The courses offered are for the most part duplicates or equivalents of regular courses given during the winter in the University College or in the School of Pedagogy. Full University credit is given for each course, when completed by a satisfactory examination, unless otherwise stated. The final examinations will be held on August 10-11. The examinations are optional with all students, except those desiring credit or certificates of their work.

All classes meet five times a week. Part of the classes meet for one and part for two hours a day. In the first case the total number of hours is thirty, and in the second case sixty, for the six weeks courses. In the number of class sessions these six weeks courses are equivalent to courses of one and two hours a week respectively, running through the academic year. No class meetings will be held on Saturday, although the Laboratories will be open for the use of students on that day. The schedule of lectures provides for five one-hour periods in the morning, the first beginning at 8.30 and the last at 12.30, and three one-hour periods in the afternoon.

It is to be noted that no student may take more than three hours of lecture courses a day, unless merely as auditor, and many students find two hours a day as much as they can take profitably in summer.

Admission and Enrollment

No examination is required for admission to the Summer School. All courses are open to both men and women who are deemed by the instructors in charge qualified to pursue them.

Upon entering, students will enroll their names at the office of the Director, submit their election of courses, and pay the required fees to the Bursar. The Director's office will be found on the first floor of the Library Building, University Heights. The Director will be at his office for purposes of consultation and enrollment, on June 30

and July 1, 2, from 10 A.M. to 1 P.M. and from 2 P.M. to 4 P.M. A schedule of regular office hours of the Director and of consultation hours of the several instructors will be posted upon the bulletin-boards.

Students desirous of attending the sessions of the National Educational Association, to be held in Cleveland, Ohio, June 30-July 3, will be enrolled in the Summer School on Monday, July 6.

Fees

Tuition fee, full course, including examination and certificate	\$25.00
Tuition fee for a single one-hour course for six weeks	15.00
Tuition fee, Department of Music, full course, three weeks	15.00
Tuition fee, Department of Music, single course, three weeks	5.00
Special Fee, Manual Arts Courses (S41 and S43, for three weeks, or S44 for six weeks)	30.00
Laboratory fee (for each laboratory course)	5.00
Fee for Material [Domestic Art (each course) or Garden Course]	3.00
Fee for Material (Domestic Science), Normal Course	10.00
Home Course, \$5.00; ten hour courses, each	3.00
Fee for Material, S45, S46, or S47, each three weeks	2.00
Special Fee, Department of Physical Training, each course for three weeks, including locker, and baths	7.50

The tuition fee of \$25.00 admits to all regular courses which the student may elect subject to the approval of the Faculty, not to exceed three hours of lectures daily and one laboratory course. Students wishing to attend other courses as auditors without the privilege of examination must pay an additional fee of \$5.00 for each course. Courses in which a special fee is required are noted above. Not more than ninety lecture hours (i.e., three hours daily), or one hundred and twenty hours including one laboratory course, may be elected if credit is desired. Students wishing to attend the regular six weeks' Summer School courses as auditors for a short time may do so on payment of a fee of \$5.00 for each week or portion thereof. Such students will not be entitled to take the examination, or to receive credit for attendance.

To students paying the full fee of \$25.00 for the six weeks' course, the special fee for each three weeks' course in Manual Arts will be \$10.00.

There are no other charges excepting for breakage in case of unusual carelessness in the handling of apparatus. In certain laboratory courses, however, deposits are required, which will be returned upon the surrender of apparatus and the payment of breakage.

Credit for Summer School Courses

The maximum credit allowed for the work of one Summer School is three University hours, with one additional University hour in special cases for laboratory work. The unit of University credit, the hour, is the work of a course meeting one hour a week, for an academic year, with a minimum of thirty weeks exclusive of vacations.

I. Credit in the School of Pedagogy

The Faculty of the School of Pedagogy will accept Summer School courses as counting toward the degrees of Master of Pedagogy (Pd.M.) and Doctor of Pedagogy (Pd.D.) when the work is equivalent to the corresponding course in that school. Such courses are announced as Courses Primarily Pedagogical, the number attached to each course indicating the corresponding course in the School of Pedagogy. Credit in the School of Pedagogy will be granted, however, only in the cases of those who are already members of that school, or of those who are eligible for enrollment.

II. Credit in the Graduate School

The Faculty of the Graduate School will grant to students matriculated, or qualified to matriculate in the Graduate School, credit toward the degrees of M.A., M.S., Ph.D., or Sc.D., for certain courses offered in the Summer School under the following conditions :

1. A student desiring credit for a graduate course must devote his whole time to the work of one full course, or two half courses, during the six weeks' session. Full courses require at least two hours' classroom attendance daily, except in the Department of Education, where three hours are required. In the latter case, however, the third hour may be taken during the winter session, if preferred.

Students who enroll for more than one full course will be allowed no credit.

2. The maximum credit for the work of *one* Summer School will be one full course. The total maximum credit for Summer School work toward the degree of Master of Arts or Master of Science, will be two full courses. Only one full course of the four courses required for the Major series for the Doctorate may be taken in Summer Schools.

3. Credit will be allowed for Summer School courses only when the courses are given by members of the Graduate Faculty, or under their direction, and are substantially identical with courses offered in the Graduate School.

III. Credit in University College

The Faculty of the University College has adopted the following resolutions :

1. A student who has completed two years or more of a college course in a college or university of recognized standing, may complete the work required for the bachelor's degree in Arts or Science at New York University by taking the courses, or equivalents recognized by the Faculty, required of such students for graduation, in the Summer School, provided that at least four sessions of the Summer School be attended and the work there elected be successfully completed. Four summer sessions are regarded as approximately equal to one year's work in the University College.

2. A student graduated from a Normal School of the grade of the New York State Normal schools may complete the work required for the Bachelor's degree at New York University by attending the University College for at least one year and successfully completing a full year's work in actual residence ; and in addition by taking in the Summer School or other schools the remaining courses, or equivalents recognized by the Faculty, required of such students for graduation.

A student who has taken in the Normal School courses in advance of the regular college entrance requirements, which are also required or accepted for graduation in the college course chosen, may be examined upon such courses, and if successful, be credited with them towards the college degree.

Normal School certificates for such courses will be accepted in lieu of examination only when the work is elementary in character.

IV. Credit in School of Applied Science

The Faculty of the School of Applied Science will accept for credit courses taken in the Summer School, which are equivalent to courses in the curriculum of the School of Applied Science. The courses offered in 1908 which are so accepted are the following :

SUMMER SCHOOL COURSES

Mathematics, S1 and S4
Physics, S2 and S7
Chemistry, S3, S4
French, S1, S2 and S3
German, S1, S2 and S3
English, S1
Philosophy, S2 and S17

APPLIED SCIENCE COURSES

= Math. 1
= Physics 3
= Chem. 6 or 8, 7
= French 1 and 2
= German 1 and 2
= English 3
= Philosophy 5

Students desiring to secure credit in the School of Applied Science must secure permission to take summer work from the Faculty and must apply to the Director for a special form of certificate.

V. Credit in the Collegiate Division

Collegiate courses completed in the Summer School will be accepted as counting toward the B.S. degree, unless otherwise stated, in accordance with the regulations of the Collegiate Division, provided the student is enrolled or eligible for enrollment in the Collegiate Division.

VI. Credit by the Board of Education

Exemption on account of studies from examination for certain licenses to teach in the Public Schools of the City of New York.

Students otherwise qualified to apply for licenses to teach in New York City, who complete certain courses in the University Summer School, may be exempted in part from examinations for certain of their licenses, viz.: license for promotion, license as assistant to principal, and license as principal in elementary schools.

For information respecting the exemptions to be secured, and the scope and character of examination for teachers' licenses, application should be made to the office of the City Superintendent of Schools, Park Avenue and Fifty-ninth Street, New York, N. Y.

Special Lectures

On two or three afternoons of each week during the session, special popular lectures will be given in the Auditorium at four o'clock. These lectures will be free to all regular students of the Summer School, and will be open to the general public upon payment of a special fee of \$3 for the course.

On Monday, July 6, at noon, a special address to the students of all departments will be delivered by Hon. Andrew S. Draper, LL.D., Commissioner of Education for the State of New York.

Social Life

On Monday afternoon, July 6, from 4 until 6, a reception and lawn party will be tendered to all students of the Summer School, affording them an opportunity to meet all the members of the Faculty.

A popular lecture or some social entertainment will be given each week. Announcements of these gatherings will be made from time to time on the bulletin boards.

The music room in Gould Hall and the rooms in Association Hall will be open for social gatherings of students in the evening.

Outline of Instruction

A small letter following the number indicates that the course is not equal in time requirements to the corresponding course in another division of the University, and that the course is not accepted, therefore, for credit unless supplemented by other courses. The number of hours stated is the number reckoned for credit, not the time occupied.

I. COURSES PRIMARILY PEDAGOGICAL

- S2. Introductory Psychology, 30 hours, Professor Lough.
- S7. Principles and Methods of Teaching, 60 hours, District Superintendent Taylor.
- S8. School Management and School Supervision, 60 hours, Associate Superintendent Edson.
- S9. Methods of Model Teaching, 30 hours, Principal Edmund.
- S12. Educational Psychology, 30 hours, Professor Lough.
- S17. Genetic Psychology for Teachers, 30 hours, Professor Ellis.
- S21. Modern Educational Methods, 30 hours, Professor Ellis.
- S23. Methods in Geography, 30 hours, Principal McFarlane.
- S26. Methods in Reading, 30 hours, Principal Edmund.
- S29. Methods in High School Physics, 30 hours, Professor Arnold.
- S30. History of the Philosophy of Education, 30 hours, Professor Ellis.
- S41. Methods of Teaching and Supervision of the Manual Arts, 30 hours, Dr. Haney.
- S43. Applied Design, 30 hours, Dr. Haney.
- S44. Advanced Design, 60 hours, Dr. Haney and Miss Bingham.
- S45. Constructive Work, 30 hours, Miss Bingham.
- S46. Object Drawing, 30 hours, Miss Bingham.
- S47. Shop Work, 60 hours, Mr. Garritt.
- S48. Mechanical Drawing, 30 hours, Mr. Garritt.
- S51a. Theory of Music and Elementary Sight Reading, 15 hours, Mrs. Balliet.
- S51b. Sight Reading (B), 15 hours, Mrs. Balliet.
- S52a. Rote Songs, 15 hours, Miss Coleman.
- S53a. Melody Writing, 15 hours, Principal Tapper.
- S54a. Dictation (A), 15 hours, Miss Coleman.
- S54b. Dictation (B), 15 hours, Miss Coleman.
- S55a. Analysis of Material (A-B), 15 hours, Mr. Russell.
- S55b. Methods, Primary and Grammar Grades, 15 hours, Mr. Scales.
- S56a. Harmony (A), 15 hours, Principal Tapper.
- S56b. Harmony (B), 15 hours, Principal Tapper.
- S57a. High School Music, 15 hours, Dr. Dann.
- S58a. Practice Teaching, 15 hours, Mr. Russell.
- S59a. Chorus, 15 hours, Dr. Dann.

- S61. Domestic Art, 60 hours, Miss Logue.
- S62. Domestic Art (Advanced Course), 30 hours, Miss Logue.
- S63. Domestic Art (Dressmaking), 60 hours, Miss Close.
- S64. Costume Designing, 30 hours, Miss Close.
- S65. Basketry, 30 hours, Miss Logue.
- S71a and 73a. Physical Training. Gilbert Dancing. Miss Gilman.
- S72a and 74a. Physical Training. Folk Dancing. Miss Burchenal.
- S76a. Physical Training. General Course. Miss Gilman and Miss Burchenal.
- S77a. Physical Training. Directed Practice. Miss Gilman and Miss Burchenal.
- S91a. School Gardens, 30 hours, Mr. Henry G. Parsons.
- S93. Domestic Science (Normal Course), 60 hours, Miss Christian.
- S93a. Domestic Science. Dietetics, 10 hours, Miss Christian.
- S93b. Domestic Science. Children's Diet, 10 hours, Miss Christian.
- S94a. Domestic Science. Laundry Work, 10 hours, Miss Christian.
- S94b. Domestic Science. Household Economics, 10 hours, Miss Roe.
- S94c. Domestic Science. Home Nursing, 10 hours. Miss Roe.
- S95. Domestic Science. Home Course, 15 hours. Miss Roe.

II. COURSES PRIMARILY COLLEGIATE

Latin

- S1. Beginner's Latin, 30 hours, Professor Sihler.
- S2. College Latin, 30 hours, Professor Sihler.
- S4. History of Roman Literature, 30 hours, Professor Sihler.
- Graduate Seminar Courses, Professor Sihler.

Greek

- S1. Beginning Greek, 30 hours, Professor Waters.
- S3. Homer, 30 hours, Professor Waters.
- S5. Greek Literature, 30 hours, Professor Waters.

English

- S1. English Composition, 30 hours, Mr. Snow.
- S2. English Composition, 30 hours, Mr. Nason and Mr. Snow.
- S3. Shakespeare as a Dramatic Artist, 30 hours, Professor Kent.
- SG4. Southern Literature, with Special Studies of Southern Poets, 30 hours, Professor Kent.
- SG5. British Essayists of the Nineteenth Century, 30 hours. Professor Kent.
- S6. Argumentation, 30 hours, Mr. Snow.
- S7. The History of English Literature, 60 hours, Mr. Nason.
- S8. American Literature, 60 hours, Mr. Nason.

German

- S1. Beginner's Course, 30 hours, Professor McLouth or Assistant.
- S2. Intermediate Course, 30 hours, Professor McLouth or Assistant.
- S3. Junior Course, 30 hours, Professor McLouth or Assistant.
- S3. (Alternate Junior Course.)
- S4. Advanced Course, 30 hours, Professor McLouth.

French

- S1. Elementary Course, 30 hours, Professor Calais.
- S2. Intermediate Course, 30 hours, Professor Calais.
- S3. Advanced Course and Literature, 30 hours, Professor Calais.
- SG5. French Literature, XVI Century, 60 hours, Dr. Delamarre.
- SG6. Advanced French Composition, 60 hours, Dr. Delamarre.

History and Principles of Art

- S1. The Principles of Art, 30 hours, Professor Waters.

Philosophy

The following Courses, announced under Courses Primarily Pedagogical, may be taken for Collegiate credits :

- S1. Introductory Psychology, 30 hours, Professor Lough.
- S12. Educational Psychology, 30 hours, Professor Lough.
- S17. Genetic Psychology for Teachers, 30 hours, Professor Ellis.

History and Political Science

- S1. Political and Constitutional History of the United States, 30 hours, Professor Brown.
- S2. American Civil Government, 30 hours, Professor Brown.
- S3. The French Revolution, 30 hours, Professor Brown.

Economics

- S1. Elements of Economics, 30 hours, Professor W. H. Lough, Jr.
- S2. Industrial History, 30 hours, Dr. Galloway.
- S3. Industrial Organization, 30 hours, Dr. Galloway.

Mathematics

- S1. Algebra, 30 hours, Professor Edmondson.
- S2. Plane Geometry, 30 hours, Professor Slocum.
- S3. Solid Geometry, 30 hours, Professor Slocum.
- S4. Trigonometry, 30 hours, Professor Slocum.
- S5. Analytic Geometry, 30 hours, Professor Edmondson.
- S6. Calculus, 30 hours, Professor Edmondson.

Physics

- S1. General Physics, 30 hours, Professor Arnold.
- S2. Mechanics, 30 hours, Professor Arnold.
- S4. Laboratory Course, 30 hours, Professor Arnold.
- S5. Advanced Laboratory Course, 30 hours, Professor Arnold.
- S6. Laboratory Course in Electrical Practice, 30 hours, Professor Arnold and Mr. Le Valley.
- S7. Electricity and Magnetism, 30 hours, Professor Arnold.

Chemistry

- S1. General Chemistry, 60 hours, Professor Hill.
- S2. General Chemistry (Laboratory Course), 30 hours, Professor Hill and Mr. Reese.
- S3. Qualitative Analysis (Laboratory Course), 60 hours, Professor Hill and Mr. Reese.
- S4. Quantitative Analysis (Laboratory Course), 60 hours, Professor Hill.
- S5. Organic Chemistry (Laboratory Course), 4 hours daily, Professor Hill.
- S6. Physical Chemistry (Lecture Course), 30 hours, Professor Lamb.
- S7. Physical Chemistry (Laboratory Course), 60 hours, Professor Lamb.
- S8. Electro-Chemistry (Laboratory Course), 60 hours, Professor Lamb.
- S9. Advanced Laboratory Practice (Laboratory Course), 60 hours, Professors Lamb and Hill.
- S10. Research Laboratory Course, Professor Lamb or Professor Hill.

Biology

- S1. General Zoölogy, 60 hours, Professor Bristol.
- S2. Comparative Anatomy of Vertebrates, 60 hours, Professor Bristol.
- S3. Human Anatomy and Physiology, 30 hours, Professor Bristol.
- S4. Advanced Work in Zoölogy, 60 hours, Professor Bristol.

Geography

- S1. Physiography, 30 hours, Principal McFarlane.
- S2. Physiography Laboratory Course, 60 hours, Principal McFarlane.
- S3. Geography of Commerce, 30 hours, Principal McFarlane.

Schedule of Hours of Lectures

Hours are subject to change to meet convenience of professors and students.

Hour: Mon. to Fri.	Courses Primarily Pedagogical.	Courses Primarily Collegiate.
8.30-9.30 A.M.	Introductory Psychology. ¶School Management. Model Teaching. Object Drawing. ¶Domestic Science. Methods in High School Physics. Physical Training.	Shakespeare. Beginners' German. Elementary French. Elements of Economics. Trigonometry. Physical Chemistry. General Zoology. Physiography.
9.30-10.30 A.M.	Genetic Psychology. ¶School Management. Methods in Reading. Advanced Design. ¶Domestic Art. ¶Domestic Art (Dressmak- ing). ¶School Gardens. ¶Domestic Science. ¶Domestic Science (Home Course). Physical Training.	Beginners' Latin. Beginning Greek. English Composition. Southern Literature. Intermediate German. Intermediate French. ¶XVI. Century French. Pol. and Const. Hist'y, U. S. Plane Geometry. Analytical Geometry. General Physics. ¶Lab. Physiography. Industrial Organization.
10.30-11.30 A.M.	¶Principles of Teaching. Modern Educational Methods. ¶Manual Arts. ¶Mechanical Drawing. ¶Domestic Art. ¶Domestic Art (Dressmak'g) ¶School Gardens. ¶Domestic Science. ¶Domestic Science (Home Course). Music—Dictation. Music—Analysis of Material Music—Harmony.	College Latin. Principles of Greek Teaching. English Composition. Junior German. ¶XVI. Century French. American Civil Government. Industrial History. Calculus. Mechanics. ¶General Chemistry. Comparative Anatomy. ¶Lab. Physiography.
11.30-12.30 P.M.	¶Principles of Teaching. Educational Psychology. Methods in Geography. ¶Manual Arts. ¶Mechanical Drawing. Domestic Art (Advanced Course). ¶School Gardens. ¶Domestic Science. Music—Melody Writing. Music—Dictation (B). Music—Practice Teaching.	History of Roman Literature. Homer. British Essayists of XIX. Century. Argumentation. ¶American Literature. Advanced German. ¶Adv. French Composition. Adv. French and Literature. French Revolution. Algebra. Electricity and Magnetism. ¶General Chemistry. Human Anat. and Physiology.
12.30-1.30 P.M.	History of Philosophy of Education. Costume Designing.	¶Advanced French Compo- sition. ¶American Literature. Solid Geometry.
2-3 P.M.	¶Applied Design. ¶Constructive Work. Basketry. Music—Sight Reading. Music—Rote Songs. Music—Harmony (B).	¶Hist'y of English Literature. Principles of Art. ¶Qualitative Analysis. ¶Quantitative Analysis. Organic Chemistry. Geography of Commerce. Physics, Laboratory. Electrochemistry. Biology Laboratory.
3-4 P.M.	¶Applied Design. ¶Constructive Work. Theory of Music. High School Music.	Greek Literature. ¶Hist'y of English Literature. ¶Qualitative Analysis. ¶Quantitative Analysis. Organic Chemistry. Physics, Laboratory. Electrochemistry. Biology, Laboratory.
4-5 P.M.	Advanced Design. Shop Work Chorus Music.	Physics, Laboratory. Electrical Practice. Physical Training.

¶ Class meets for two consecutive hours.

IV

UNIVERSITY LAW SCHOOL

ANNOUNCEMENTS FOR 1908-1909

SCHOOL OF LAW

Faculty

HENRY M. MACCRACKEN, D.D., LL.D.,
Chancellor of the University.

CLARENCE D. ASHLEY, J.D., LL.D.,
Professor of Law and Dean of the Faculty.

ISAAC FRANKLIN RUSSELL, D.C.L., J.D., LL.D.,
Professor of Law.

FRANK A. ERWIN, M.A., J.D.,
Professor of Law.

THADDEUS D. KENNESON, M.A., J.D.,
Professor of Law.

RALPH S. ROUNDS, B.A., J.D.,
Professor of Law.

FRANK H. SOMMER, LL.M., J.D.,
Professor of Law.

LESLIE J. TOMPKINS, M.S., J.D.,
Professor of Law and Secretary of the School.

FRANCIS W. AYMAR, M.A., J.D.,
Professor of Law.

WILLIAM F. WALSH, A.B., J.D.,
Professor of Law.

EDWIN D. WEBB, LL.M.,
Associate Professor of Law.

WILLIAM B. WHITNEY, M.A., J.D.,
Lecturer on Patents.

GEORGE VERMILYE FOWLER, A.B., J.D.,
Lecturer on Law.

FRANK A. FALL, M.A.,
Bursar of the University.

THE SCHOOL OF LAW OF NEW YORK UNIVERSITY

General Statement

The Law School of New York University was established in 1835, and is one of the oldest Law Schools in the United States. In April, 1895, the Metropolis Law School became merged in the University. The degree of LL.M. was first granted in 1892, and in 1903 the Council authorized the granting of the degree of Doctor Juris in regular course.

The aim of the school is to furnish a thorough legal education and prepare students for practice in any part of the United States.

During the first year the course is in great part prescribed, as students are not qualified to make a wise selection until they have had at least one year of legal study. After the first year there is a large choice of subjects. Certain fundamental topics, however, are required of all candidates for a degree.

The instruction is mainly carried on by the study and discussion of selected cases. It is designed to teach the student to analyze the facts of a given case, to select the important from the immaterial, and to reason correctly and deduce proper principles from such facts. The school aims to train its students to apply the science of law practically and with sound judgment, but nevertheless with insight into its principles and an instinctive appreciation of its reason and meaning. The student is taught not only to know the law as it is, but also to think as a lawyer. The members of the Faculty devote a great part of their time to the work of the school, but most of them are

engaged in active practice and are thus well qualified to give practical suggestions while teaching the theory of the law.

Morning, Afternoon and Evening Sessions

As a large number of students giving their whole time to the study of law prefer to attend lectures in the forenoon, a morning course has been inaugurated. Students can, therefore, complete the required work by attending lectures either in the morning, in the afternoon, or in the evening, or a part in one period and the balance in another, as they may find most convenient. The number of lectures offered by the school for the ensuing year will exceed ninety lectures per week. The division of the students into three sections permits smaller classes and greater attention to the individual student. By special arrangements with the University School of Commerce, Accounts and Finance, regular students of the Law School may take two hours a week each year in that school without additional charge. Courses so taken will be credited in the School of Commerce but not in the School of Law.

Requirements for Admission

Every candidate must be at least eighteen years old and of good moral character.

The School is open to both men and women. Students may enter, either (1) as candidates for the degree of Bachelor of Laws (see p. 15), or (2) as candidates for the degree of Doctor Juris (see p. 15), or (3) as candidates for the degree of Master of Laws (see p. 16), or (4) as special students not qualified to become candidates for degrees but entitled to receive the Certificate of the School and to seek admission to the Bar upon completion of the course (see p. 16).

The requirements for admission to the respective courses are as follows:—

I. To the Course for the Degree of Bachelor of Laws (LL.B.).

Every candidate for this degree must be either

(a) A graduate of an approved college, or

(b) A graduate of a high school maintaining a four years' course, or the equivalent thereof, and approved by the New York State Board of Regents, or

(c) A holder of a "Qualifying Certificate" for Law Schools, or an "academic equivalent certificate" issued by the University of the State of New York (48 counts if issued before June, 1906, or 60 counts thereafter), or a Regents' Diploma." Information regarding Regents' examinations and the conditions under which certificates or credentials are issued will be found in handbooks No. 3, and No. 23, issued by the Education Department of the State of New York, Albany, N. Y.

II. To the Course for the Degree of Doctor Juris (J.D.).

Every candidate for this degree must be a graduate of an approved college with the degree of Bachelor of Arts, Philosophy, Pure Science, or Letters, which degree must have been secured before admission.

III. To the Course for the Degree of Master of Laws (LL.M.).

Every candidate for this degree must be a graduate of an approved law school with the degree of Bachelor of Laws.

IV. As a special student, entitled to receive the Certificate of the School.

Students not qualified to enter as candidates for degrees may be admitted as special students in the discretion of the Faculty, provided they hold a Regents Law Students' certificate, showing that they have complied with the rules of the New York Court of Appeals in force June 1, 1908. Information regarding the requirements for these

certificates may be secured by addressing the Education Department of the State of New York, Albany, N. Y.

Students not qualified to meet the entrance requirements who wish to supplement their educational training by the study of certain subjects in Law, may be admitted as special students by special vote of the Faculty.

Admission to Advanced Standing

(a) Students who have been admitted in accordance with the above requirements, who have regularly attended the sessions of the School and passed the required examinations to the satisfaction of the Faculty will be admitted to higher classes in accordance with the regulations given on p. 10 under the head of examinations.

(b) Students from other law schools maintaining a standard satisfactory to the Faculty will be admitted to advanced standing on the following conditions :

(1) The candidate must have complied with all the preliminary entrance requirements of the school.

(2) He must present a certificate from the law school previously attended stating that he has attended lectures equal in time to those taken by the class he proposes to enter.

(3) He must pass satisfactory examinations upon each of the topics for which credit is sought. These examinations must be taken prior to admission, either in May or September.

In the case of candidates for the J. D. degree the maximum credit allowed will be thirty hours.

Registration

Applications for admission to the school, or for information concerning it, may be made to the Secretary, Leslie J. Tompkins, University Building, Washington Square, East.

Seats will be assigned in order of application on payment of \$5.00 on account of the first quarter's tuition, when paid before September 24.

Since the rules of the Court of Appeals require that eight full months shall be spent in a law school, as an equivalent for twelve months' study in an office, it is exceedingly desirable that students should register before the opening session of the school.

Sessions for Class Work

The school year begins Thursday, September 24, 1908, and ends June 3, 1909.

There is a recess of one week at Christmas, and no sessions are held on the legal holidays during the school year.

Lectures are given in the morning, afternoon and evening in accordance with the schedule to be found on another page.

Board and Rooms

Good rooms with table board can be obtained in the vicinity of the University for \$6 per week and upward. Two students rooming together may materially reduce their expenses.

Students coming to the school from a distance are requested to make the University a center from which to make all arrangements preliminary to entrance. Letters, baggage, etc., can be sent to the building *in care of the Law School*. The officers of the University will render all assistance possible in aiding the student to find suitable rooms and board. In sending letters, baggage, etc., use the following address: University Law School, University Building, Washington Square, New York City.

Fees

Fees for Instruction, Morning, Afternoon and Evening classes:

For courses amounting to ten hours per week,	
for the year	\$100.
For each additional hour per week, for the year,	10.
For special course not exceeding two hours per	
week, for the year	25.
For each additional hour per week, for the year,	10.

Fees for the year are due upon entrance upon the course, but may be paid by those who so desire, quarterly in advance on or before September 24th, December 1st, February 1st, and April 1st. Failure to pay fees when due will debar from the classroom. In the case of students paying the entire fee in advance, who are compelled to withdraw from the School because of illness, a pro rata proportion of the fee will be refunded upon application. In the case of students paying quarterly no refund will be made.

In the case of candidates for either the LL.B., or the J.D. degree taking a three years' course, and who do not repeat their courses or work, the fees charged the third year will be such that the total charge for instruction for the three years shall not exceed \$300.

Regular students of the Law School may attend additional optional courses as auditors, without the privilege of examination or of credit for these courses, without additional charge; they may also take two hours of lectures per week in the School of Commerce, Accounts and Finance without additional charge.

Fee for final examination (LL.B. or J.D.) \$20.

Fee for final examination (LL.M.) 10.

Fee for final examination (for Certificate) 10.

The fee for final examination includes cost of diploma and of graduation exercises.

All fees are to be paid to the Bursar of the University.

Location

The work of the school is carried on in the University Building, Washington Square, East. This building was built in 1894, primarily for the use of the Law School. The school occupies the tenth and eleventh floors. The entrance to the University elevators is at 32 Waverly Place.

Law Library

The Law Library of the school is large and well selected. It now contains over 21,000 volumes, and is being steadily increased. It is open from 9 A.M. to 11 P.M. five days a week during term time, and on Saturdays from 9 A.M. to 9 P.M.

The Library was founded by the late John Taylor Johnston, who presented his entire collections to the school. It has been largely enriched by collections presented by Mrs. Margaret Shepard, in memory of her husband, the late Elliott F. Shepard, LL.M.; by the bequest of the late Justice Charles P. Daly; by numerous gifts from David Banks, Esq., and the Faculty of the Metropolis Law School. The English, Canadian, Colonial, and several State Reports are complete and are kept up to date, and the list of text writers on the present status of English, American and Continental commercial law, is voluminous and well selected.

Examinations

Two examinations in each year are conducted by the school.

The annual examinations held in May of each year cover all the subjects taught in the school. An opportunity is given for the making up of conditions and for admission to advanced standing at the examinations held in September. No special examinations are given, and students who are candidates for the degree must take the annual examinations in May unless excused by the Dean.

Students whose courses require twelve and one-half hours or more per week will not be advanced to the Senior or Second Year classes if at the opening of the year they are conditioned in more than five hours of their required work.

Students whose courses require ten hours per week will not be advanced to the second or third year classes if, at the opening of the year, they are conditioned in more than four hours of the required work.

Students conditioned as above at the opening of the school year, and who wish to remain candidates for the degree, or the Final Certificate, must take the entire year over again.

No student shall be examined in any one subject more than three times.

Where a student in either the last year class of the Day Divisions or of the Third Year Evening Class shall have failed in three or more subjects, covering six or more hours, he shall be required to repeat the last year of his course, taking examinations in all the subjects required from the students in regular standing in either of the above-named classes and subject to the same charges for tuition.

Where a student, a candidate for a degree, has failed in not more than two courses, he may take one extra examination in each of such subjects without having repeated the same; but, having failed a second time in any one, he shall be allowed to repeat said course and take one further examination thereafter.

The Faculty will not hesitate to drop a student from the school if it considers the student disqualified either through neglect or incapacity to properly grasp the subject.

Prizes and Scholarships

The Faculty will in their discretion withhold any prize or scholarship in any year, should the rank obtained in any class in competition therefor be unsatisfactory to them.

In Morning and Afternoon Division

Three prizes of \$100, \$60, and \$40, respectively, will be awarded to the three students of the Senior Class passing the best examinations of that year.

The Elliott F. Shepard prize scholarship, and three *University prize scholarships*, yielding \$100 each, in tuition, will be awarded at the end of the Junior Year to the four students passing the best examinations of that year.

Graduating Classes

The honor list for 1908 was as follows :

Honorable Mention to

Helen Potter, A.B. . . . New York City
Runyon Colie, A.B. . . . Newark, N. J.

First Prize of \$100 to

Frank F. Bergenfeld . . . Brooklyn, N. Y.

Second Prize of \$60 to

Charles I. Wood, A.B. Long Island City, N. Y.

Third Prize of \$40 to

Jacob A. Bernstein, A.B. Mount Vernon, N. Y.

Junior Classes

Honorable Mention to

Harry Arlosorov . . . New York City
John Gerdes, B.L. . . . Brooklyn, N. Y.

Shepard Scholarship to

Janet E. Seidler . . . New York City

First Faculty Scholarship to

Isaac Gross . . . Jersey City, N. J.

Second Faculty Scholarship to

Solomon Boneparth, A.B. . . . New York City

Third Faculty Scholarship to

Arthur T. O'Leary, B.S. . . . New York City

In Evening Division

Two prizes of \$75 and \$50, respectively, will be awarded to the two students of each of the three classes passing the best examinations of that year.

The awards for 1908 were as follows :

Graduating Class*Honorable Mention to*

Isaac Aaronson New York City
 Adolph Warshow New York City
 Archibald C. Mayo Brooklyn, N. Y.
 David L. Cohn New York City

First Prize of \$75 to

Leopold Spitz New York City

Second Prize of \$50 to

Leo Rosenberg New York City

First Year Class*Honorable Mention to*

Nathan Choloney New York City

Second Year Class*Honorable Mention to*

Irving M. Obrieght New York City
 Arthur Goodstein Brooklyn, N. Y.
 Charles Cahn New York City

First Prize of \$75 to

Leo J. J. Schwartz New York City

Second Prize of \$50 to

David Kahn New York City

Admission to the Bar

Students complying with the preliminary requirements and regularly attending lectures amounting to eleven and one-half or twelve hours a week in this school are entitled to count the time thus spent as so much of the time required for preparation for the Bar. An office clerkship is no longer necessary. The several sessions of the school cover 34 weeks per year, exclusive of vacations, with a minimum requirement of $11\frac{1}{2}$ hours of recitations per week to meet the requirements for admission to the New York Bar.

The requirements for admission to the Bar differ in the several States, and for specific requirements reference must be had to the laws of that State. In general, admission is gained only upon an examination conducted by the State.

In New York the applicant shall have studied law for a period of three years, and before beginning the study of law shall have met the proper preliminary educational requirements, which in general are those required for entrance to the Law School. College graduates, however, may be admitted after two years study of law.

In New Jersey the applicant shall have studied law three years, of which not more than eighteen months will be allowed for Law School work, and eighteen months must be spent as a clerk in a law office ; and shall have met the proper preliminary educational requirements, which at present are the equivalent of three years of high school work.

In Connecticut the requirements are the same as those in New York.

Degrees and Certificates

The degrees of Bachelor of Laws, Master of Laws, and Doctor Juris will be conferred upon candidates who have pursued the required course, have passed the necessary examinations, and are of good moral character. The "Certificate of the School," showing the student to have satisfactorily performed the required work of the school,

is conferred upon students under the rules stated on page 16. No candidate may absent himself from the commencement without the special permission of the Faculty.

Certificates of attendance will be given to such students as regularly attend the sessions of the school, meet all the requirements of the Faculty, and observe the rules of the University, but such certificates will not be given unless the deportment and class-room work of the student shall meet the approval of the Faculty, of which the Faculty shall be the sole judge, and their decision shall be final.

Should the Faculty at any time conclude that the best interests of the school would be furthered by the withdrawal of any student, they may, in their sole discretion, terminate the school membership of such student, and any rights which such student may have acquired, whether by matriculation or entering the school, shall thereupon cease and determine.

The daily lectures of the school are given in the morning, afternoon and evening. The student may select such hours as best suit his convenience, subject to the approval of the Faculty.

I. Candidates for the degree of Bachelor of Laws (LL.B.) are required to pursue courses which amount to twenty-six (26) hours of lectures weekly. These may be completed in two years with thirteen hours' work per week for each year, or divided over a longer period as the student may determine. If the work is taken entirely in the evening, thirty hours (30) weekly are required, distributed over three years with ten hours per week.

Subjects marked with a (†) are required. Others may be selected by the student, subject to approval by the Dean. In case any subject selected should be begun, but not completed, in any one year, the continuation of such subject must be taken in the following year.

II. Candidates for the degree of Doctor Juris (J.D.) are required to pursue a three years' course of fourteen hours' instruction per week each year.

Subjects marked with an asterisk (*) are required. Others may be selected by the student subject to approval by the Dean.

The Dean will advise as to sequence of subjects.

III. The degree of Master of Laws will be conferred under the following rules :

A. Courses covering at least ten hours per week will be required for the degree.

B. At least eight of the required hours per week must be selected from the following subjects : Conflict of Laws—Trusts — Mortgages — Suretyship — Constitutional Law —Quasi Contract—Advanced Property—Patents—Admiralty Law—Carriers—Bills and Notes—Common Law Pleading—Corporations—Partnership.

C. Any subject previously taken for the degree of LL.B. shall not be included in the course for the degree of LL.M.

IV. Candidates for the Certificate of the School (not carrying a degree) are required to pursue the same work and courses as candidates for the LL.B. degree.

COURSE OF INSTRUCTION

Subject to Revision and Change

(For schedule of Lectures see pp. 25-27.)

First Year

No. of
Course

†*CONTRACTS

Text book Courses 1 & 2. Ashley's Cases on Contract.
Course 3. Williston's " "

1. Mondays and Fridays, 9.30 to 11.30 A.M. 4 hours.
Professor Ashley.
2. Mondays and Fridays, 3 to 5 P.M. 4 hours. Pro-
fessor Ashley.
3. Fridays (begun), 8 to 10.15 P.M. 2¼ hours. Pro-
fessor Sommer.

†*TORTS

4. Mondays and Fridays, 5 to 6 P.M. 2 hours. Pro-
fessor Erwin.
5. Mondays, 8 to 10.15 P.M. 2¼ hours. Professor
Erwin.
Text book. (4 and 5). Erwin's Cases on Torts.
6. Saturdays, 10 A.M. to 12 M. 2 hours. Professor
Aymar.
Text book (6). Burdick's Cases on Torts.

†*PROPERTY

- Text book. Walsh's Cases on Property.
7. Tuesdays, 9 to 10, and Thursdays, 9.30 to 10.30
A.M. 3 hours. Professor Walsh.
 8. Tuesdays and Thursdays, 3.30 to 5 P.M. 3 hours.
Professor Kenneson.
 9. Tuesdays (begun), 8 to 10 P.M. 2 hours. Professor
Walsh.

No. of
Course

†*CODE OF CIVIL PROCEDURE

Text book. N. Y. Code of Civil Procedure.

- 10. Wednesdays, 9.30, 11.30 A.M. 2 hours. Professor Webb.
- 11. Tuesdays and Thursdays (begun), 5 to 6 P.M. 2 hours. Professor Webb.
- 12. Thursdays, 7.30 to 10.30 P.M. 3 hours. Professor Russell.

Each candidate for a degree must take either the Code or Common Law Pleading.

PERSONAL PROPERTY

Text book. Gray's Cases, Vol. I., 2nd Edition.

- 13. Wednesdays, 11.30 to 12.30 A.M. 1 hour. Professor Sommer.

†*COMMON LAW PLEADING

Text book. Ames's Cases on Common Law Pleading.

- 14. Wednesday, 3.30 to 4.30 P.M. 1 hour. Professor Sommer.

SALES

Text book. Erwin's Cases on Sales, 2nd Edition.

- 15. Wednesdays, 4.30 to 6 P.M. (Oct. 1 to Feb. 1), $\frac{3}{4}$ hour. Professor Erwin.
- 16. Wednesdays, 8 to 10 P.M. (Feb. 1 to June 1). 1 hour. Professor Erwin.

AGENCY

Text book. Huffcut's Cases on Agency.

- 17. Wednesdays, 4.30 to 6 P.M. (Feb. 1 to June 1). $\frac{3}{4}$ hour. Professor Erwin.
- 18. Wednesdays, 8 to 10 P.M. (Feb. 1 to June 1). 1 hour. Dr. Fowler.
- 19. Thursday, 10-11 A.M. 1 hour. Dr. Fowler.

No. of
Course

STATUTE OF FRAUDS

Text book. Browne on the Statute of Frauds.

20. Fridays, 2 to 3 P.M. 1 hour. Professor Russell.

CRIMINAL LAW

Text book. Beale's Cases on Criminal Law.

21. Wednesdays, 8 to 10 P. M. (Oct. 1 to Feb. 1.) 1 hour.
Dr. Fowler.

DAMAGES

Text book. Beale's Cases on Damages.

22. Saturdays, 9 to 10 A.M. 1 hour. Professor Russell.

Second and Third Year

Except in a few instances the following subjects may be taken as an elective for either year. The Dean will advise as to such subjects. Where a subject is begun in the first year, but not completed, such subject must be continued in the second year :

†*EQUITY JURISDICTION.

23. Mondays and Fridays, 9 to 10 A.M., and Wednesdays 11 to 12. 3 hours. Professor Aymar.

Text book. Keener's Cases on Equity Jurisdiction.

24. Tuesdays and Wednesdays, 3.30 to 5 P.M. 3 hours.
Professor Ashley.

Text book. Ames's Cases on Equity Jurisdiction.

25. Tuesdays (begun), 8 to 10 P.M. 2 hours. Professor Kenneson.

26. Wednesdays (continued), 8 to 10 P.M. 2 hours.
Professor Kenneson.

Text book. Ames's Cases on Equity Jurisdiction.

*TRUSTS

Text book. Ames's Cases on Trusts.

27. Saturdays, 4 to 6 P.M. 2 hours. Professor Kenneson.

No. of
Course

EQUITY PLEADING

28. (Not given 1908-09.)

MORTGAGES

Text book. Kirchwey's Cases on Mortgages.

29. Saturdays, 2 to 3 P.M. 1 hour. Professor Sommer.

SURETYSHIP

Text book. Ames's Cases on Suretyship.

30. Saturdays, 3 to 4 P.M. 1 hour. Professor Sommer.

ADVANCED PROPERTY

Text book. Walsh's Cases on Property.

31. Tuesdays, 10 to 12. 2 hours. Professor Walsh.

PROPERTY (continued)

32. Thursdays, 8 to 10 P.M. 2 hours. Professor Walsh.

PARTNERSHIP

Text book. Ames's Cases on Partnership.

33. Tuesdays and Thursdays, 9 to 10 A.M. 2 hours.
Professor Aymar.34. Mondays and Tuesdays, 5 to 6 P.M. 2 hours. Pro-
fessor Aymar.

35. Thursdays, 8 to 10 P.M. 2 hours. Professor Aymar.

CONTRACTS (continued)

Text book. Williston's Cases on Contract.

36. Mondays, 8 to 10.15 P.M. 2¼ hours. Professor
Sommer.

QUASI-CONTRACTS

Text book. Scott's Cases on Quasi-Contracts.

37. Fridays, 8 to 10.15 P.M. 2¼ hours. Professor
Rounds.

BAILMENTS AND CARRIERS

Text book. McLain's Cases on Carriers.

38. Saturdays, 9 to 10 A.M. 1 hour. Professor Rounds.

No. of
Course

CORPORATIONS

- Text book. Tompkins' Cases on Corporations.
39. Wednesdays, 9 to 11 A.M. 2 hours. Professor Ashley.
40. Fridays, 3.30 to 5 P.M. 1½ hours. Professor Tompkins.
41. Tuesdays, 8 to 10 P.M. 2 hours. Dr. Fowler.

INSURANCE

- Text book. Woodruff's Cases on Insurance.
42. Mondays, 5 to 6 P.M. 1 hour. Professor Tompkins.

†*EVIDENCE

- Text book. Thayer's Cases on Evidence (2d ed.).
43. Fridays, 10 to 12 A.M. 2 hours. Professor Tompkins.
44. Thursdays and Fridays, 5 to 6 P.M. 2 hours. Professor Kenneson.
45. Fridays, 5 to 7 P.M. (October 1 to February 1). 1 hour. Professor Rounds.
46. Fridays, 8 to 10 P.M. 2 hours. Professor Tompkins.

†*BILLS AND NOTES

- Text book. Ames's Cases on Bills and Notes.
47. Mondays, 10.30 to 12.30 A.M. 2 hours. Professor Tompkins.
48. Mondays, 3.30 to 5 P.M. 1½ hours. Professor Tompkins.
49. Mondays, 8 to 10 P.M. 2 hours. Professor Tompkins.

WILLS AND ADMINISTRATION.

50. Thursdays, 3 to 4 P.M. (February 1 to June 1). ½ hour. Professor Russell.
- Text book. Chaplin's Cases on Wills.
51. Wednesdays, 8 to 10 P.M. (October 1 to February 1). 1 hour. Professor Erwin.
- Text book. Gray's Cases on Property, Vol. IV.

No. of
Course

CONFLICT OF LAWS

Text book. Beale's Cases on Conflict of Laws.

52. (Omitted for 1908-09.)

CONSTITUTIONAL LAW

Text book. Boyd's Cases on Constitutional Law.

53. Fridays, 4 to 6 P.M. 2 hours. Professor Russell.

INTERNATIONAL LAW

Text book. Scott's Cases on International Law.

54. Tuesdays, 5 to 6 P.M. 1 hour. Professor Russell.

ANALYTICAL JURISPRUDENCE

55. Mondays, 5 to 6 P.M. 1 hour. Professor Russell.

PATENTS

56. Fridays, 8 to 10 P.M. 2 hours. Dr. Whitney.

CODE OF CIVIL PROCEDURE (continued)

Text book. N. Y. Code of Civil Procedure.

57. Wednesdays, 5 to 6 P.M., and Thursdays, 4 to 5 P.M.
2 hours. Professor Webb.

ADMIRALTY

Text book. Ames's Cases on Admiralty.

58. Saturdays, 9 to 10 A.M. 1 hour. Professor Aymar.

PUBLIC SERVICE COMPANIES

Text book. Beale and Wyman's Cases on Public
Service Companies.

59. Fridays, 5 to 6 P.M. 1 hour. Professor Tompkins.

Practice Courses

60. SURROGATE'S COURT PRACTICE.

Wednesdays, 5 to 6 P.M. 1 hour. Professor Russell.

This course consists of the study of the successive steps in the probate of wills, in obtaining letters of administration and in the appointment of guardians, beginning with the petition and citation and continuing through all stages of administration until final accounting. It is believed that the course will lead the student to a better grasp than he could otherwise get of the principles of succession and administration, including the rights and duties of executors, administrators, and guardians.

61. PREPARATION FOR TRIAL, AND TRIAL OF CIVIL ACTIONS.

Tuesdays, 9-10 P.M. 1 hour. Professor Webb.

This course consists of lectures and analyses of cases on those principles of law and rules of procedure, both of general and local application, which influence the policy of counsel in making preparation for and in conducting the trial of civil actions.

Particular attention will be given to a consideration of the trial practice before referees, jury, and court without a jury; preliminary conferences with witnesses; the determination of the mode of trial; use of depositions; what objections are waived by going on; motions for non-suit; direction of verdict; findings, requests to find, and exceptions; motions for a new trial; discretionary powers of the judge; shaping record for anticipated appeals; preparation of the record on appeal; powers of review of the Appellate Division and the jurisdiction of the Court of Appeals.

62. PLEADING AND ELECTION OF REMEDIES UNDER THE CODE.

Tuesdays, 8-9 P.M. 1 hour. Professor Webb.

In this course the principles of pleading are considered in their application to the most frequent difficulties; also the distinction between Law and Equity, under the Code;

the policy of counsel in electing between different actions and in framing the complaint and answer; choosing the remedy against defective pleadings of the adverse party; what objections may be taken by demurrer and what by motion.

It will also include conferences on the drafting, testing and criticising of pleadings in the most common classes of actions, such as present questions which may embarrass the practitioner. Especial consideration will be given to a critical examination and analysis of the essential allegations in each cause of action discussed, and the general principles of pleading involved therein. The course aims to make clear the application of general principles to actual cases most frequently occurring in the daily experience of practitioner or clerk, and to aid him in arranging his facts and testing the case of his adversary. The exercises will be closely analogous to the practitioner's labor in extracting the controlling facts from the client's statement and presenting them in proper legal aspect.

63. EVIDENCE.—Continued.

Friday (October 1 to Feb. 1), 5 to 7 P.M. 1 hour.

Professor Rounds.

The course includes a thorough study of the rules governing the examination of witnesses, their competency and the rules as to privilege, the rules as to objections and exceptions, and the motions which may be made at the trial of an action at law, and generally a study of all rules governing the conduct of such an action.

The aim is to supplement the required course on evidence and to familiarize the student with the rules of procedure governing the trial of a case and equip him to use his knowledge of the substantive law and the general rules of evidence in actual practice.

SCHEDULE OF LECTURES, 1908-09

(Subject to revision and change.)

Unless otherwise stated, Elective subjects can be taken only by Second, Third, Senior or Post-Graduate students.

SENIOR—MORNING

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Equity 9 to 10 Prof. Aymar Bills and Notes 10 to 12 Prof. Tompkins	Partnership 9 to 10 Prof. Aymar Advanced Property 10 to 12 Prof. Walsh	Corporations 9 to 11 Prof. Ashley Equity 11 to 12 Prof. Aymar	Partnership 9 to 10 Prof. Aymar	Equity 9 to 10 Prof. Aymar Evidence 10 to 12 Prof. Tompkins	Admiralty 9 to 10 Prof. Aymar (Elective)

The student may substitute Conflict of Laws for either Advanced Property, Partnership or Corporations.

JUNIOR—MORNING

Contracts 9:30 to 11:30 Prof. Ashley	Property 9 to 10 Prof. Walsh Agency 10 to 11 Dr. Fowler	Code 9:30 to 11:30 Prof. Webb Personal Property 11:30 to 12:30 Prof. Sommer	Property 9:30 to 11:30 Prof. Walsh	Contract 9:30 to 11:30 Prof. Ashley	Damages 9 to 10 Prof. Russell Torts 10 to 12 Prof. Aymar Bailments and Carriers 9 to 10 Prof. Rounds
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Damages, Bailments and Carriers, Statute of Frauds, and Common Law Pleading are elective, and Juniors may take any one or more of them.

SCHEDULE OF LECTURES—Continued
SENIOR—AFTERNOON

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Bills and Notes 2:30 to 5 Prof. Tompkins. ——— Partnership 5 to 6 Prof. Aymar ——— Analytical Juris 5 to 6 Prof. Russell (Elective) ——— Insurance 5 to 6 Prof. Tompkins (Elective)	Equity 3:30 to 5 Prof. Ashley ——— Partnership 5 to 6 Prof. Aymar ——— International Law 5 to 6 Prof. Russell (Elective)	Equity 3:30 to 5 Prof. Ashley ——— Code 5 to 6 Prof. Webb ——— Surrogate's Practice 5 to 6 Prof. Russell (Elective)	Wills 3 to 4 Feb. 2—June 1 Prof. Russell ——— Code 4 to 5 Prof. Webb ——— Evidence 5 to 6 Prof. Kenneson	Corporations 2:30 to 5 Prof. Tompkins ——— Evidence 5 to 6 Prof. Kenneson ——— Constitutional Law 4 to 6 Prof. Russell (Elective) ——— Evidence—continued 5 to 7 Prof. Rounds (Elective)	Mortgages 2 to 3 Prof. Sommer (Elective) ——— Suretyship 3 to 4 Prof. Sommer (Elective) ——— Trusts 4 to 6 Prof. Kenneson (Elective)

JUNIOR—AFTERNOON

Contracts 3 to 5 Prof. Ashley ——— Torts 5 to 6 Prof. Erwin	Property 3:30 to 5 Prof. Kenneson ——— Code 5 to 6 Prof. Webb	Common Law Pleading 3:30 to 4:30 Prof. Sommer ——— Sales and Agency 4:30 to 6 Prof. Erwin	Property 3:30 to 5 Prof. Kenneson ——— Code 5 to 6 Prof. Webb	Statute of Frauds 2 to 3 Prof. Russell (Elective to Juniors) ——— Contract 3 to 5 Prof. Ashley ——— Torts 5 to 6 Prof. Erwin ——— Public Service Companies 5 to 6 Prof. Tompkins (Elective)
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SCHEDULE OF LECTURES—Continued
1ST YEAR—EVENING

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Torts 8 to 10.15 Prof. Erwin	Property 8 to 10 Prof. Walsh	Criminal Law 8 to 10 Oct. 1—Feb. 1 Dr. Fowler — Sales 8 to 10 Feb. 1—June 1 Prof. Erwin	Code 7.30 to 10.30 Prof. Russell	Contract 8 to 10.15 Prof. Sommer	

2D YEAR—EVENING

Contract 8 to 10.15 Prof. Sommer	Constitutional Law 7 to 8 Prof. Russell — Equity 8 to 10 Prof. Kenneson	Agency 8 to 10 Feb. 1—June 1 Dr. Fowler — Wills 8 to 10 Oct. 1—Feb. 1 Prof. Erwin	Property 8 to 10 Prof. Walsh	Quasi-Contract 8 to 10.15 Prof. Rounds	
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3D YEAR—EVENING

Bills and Notes 8 to 10 Prof. Tompkins	Corporations 8 to 10 Dr. Fowler Preparation for Trial 8 to 9 Pleading and Elec. of Kennedys 9 to 10 Prof. Webb (Elective)	Equity 8 to 10 Prof. Kenneson	Partnership 8 to 10 Prof. Aymar	Evidence 8 to 10 Prof. Tompkins — Patents 8 to 10 Dr. Whitney (Elective)	
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V

GRADUATE SCHOOL

ANNOUNCEMENTS FOR 1908-1909

NEW YORK UNIVERSITY

THE GRADUATE SCHOOL

Faculty of the School, 1908-1909

HENRY M. MACCRACKEN, D.D., LL.D., <i>Chancellor of the University ; Professor of Philosophy,</i>	University Heights.
DANIEL W. HERING, C.E., PH.D., LL.D., <i>Dean of the Faculty ; Professor of Physics,</i>	128 West 129th St.
JOHN J. STEVENSON, PH.D., LL.D., <i>Professor of Geology,</i>	568 West End Ave.
ABRAM S. ISAACS, PH.D., <i>Professor of Semitic Languages and Literatures,</i>	471 Ellison St., Paterson, N. J.
FRANCIS HOVEY STODDARD, PH.D., <i>Professor of the English Language and Literature,</i>	22 West 68th St.
WILLIAM KENDALL GILLETT, M.A., <i>Professor of Romance Languages,</i>	Pelham Manor, N. Y.
ERNEST GOTTLIEB SIHLER, PH.D., <i>Professor of the Latin Language and Literature,</i>	University Heights.
MARSHALL S. BROWN, M.A., <i>Professor of History and Political Science,</i>	University Heights
CHARLES L. BRISTOL, PH.D., <i>Professor of Biology,</i>	University Heights.
LAWRENCE A. MCLOUTH, B.A., <i>Professor of the German Language and Literature,</i>	University Heights.
GRAHAM LUSK, PH.D., F.R.S., <i>Professor of Physiology,</i>	University Medical College.
J. P. GORDY, PH.D., LL.D., <i>Professor of the History of Education and of American History,</i>	Washington Square.
JOSEPH FRENCH JOHNSON, B.A., D.C.S., <i>Professor of Political Economy and Finance,</i>	Washington Square.
ROBERT MACDOUGALL, PH.D., <i>Professor of Descriptive Psychology,</i>	Washington Square.

JAMES E. LOUGH, PH.D., <i>Professor of Experimental Psychology,</i>	Washington Square.
THOMAS W. EDMONDSON, PH.D., <i>Professor of Mathematics,</i>	Bedford Park, N. Y. C.
CHARLES GRAY SHAW, PH.D., <i>Professor of Ethics and Assistant Professor of Philosophy,</i>	University Heights.
ARCHIBALD L. BOUTON, M.A., <i>Professor of Rhetoric,</i>	University Heights.
WILLIAM E. WATERS, PH.D., <i>Professor of Greek,</i>	604 West 115th St.
JOHN HENRY MACCRACKEN, PH.D., <i>Professor of Politics, University Syndic, Acting Secretary of the Graduate School,</i>	Washington Square.
THOMAS M. BALLIET, PH.D., <i>Professor of the Science of Education,</i>	Washington Square.
FREDERICK H. WILKENS, PH.D., <i>Associate Professor of German,</i>	University Heights.
ARTHUR E. HILL, B.S., PH.D., <i>Associate Professor of Analytical Chemistry,</i>	University Heights.
ARTHUR B. LAMB, PH.D., <i>Associate Professor of Chemistry, Director of the Havemeyer Laboratory,</i>	University Heights.
J. LORING ARNOLD, PH.D., <i>Assistant Professor of Physics,</i>	University Heights.
W. H. LOUGH, JR., M.A., <i>Assistant Professor of Economics,</i>	Washington Square.
RUDOLPH M. BINDER, PH.D., <i>Lecturer on Sociology,</i>	Washington Square.
LOUIS DELAMARRE, PH.D., <i>Lecturer on the French Language and Literature,</i>	Washington Square.
JOSEPH KAHN, PH.D., <i>Instructor in Philosophy,</i>	Washington Square.
FRANK ANDREWS FALL, M.A., <i>Bursar,</i>	Washington Square.
GEORGE C. SPRAGUE, PH.D., <i>Registrar,</i>	Washington Square.

THE GRADUATE SCHOOL

General Statement

THE Graduate School of New York University offers advanced courses of instruction to men and women who have received the degree of Bachelor from some college in good standing. It is the aim of the School to afford those who have already enjoyed a liberal education opportunity to pursue advanced study, and to make independent research in the line of their special chosen subject. An effort is made so to shape the methods of instruction as not only to make the student well versed in the contemporary knowledge of his department, but also to fit him to add to that knowledge by scientific investigation and discovery. Students who have satisfactorily completed courses of study and have complied with the requirements governing the granting of degrees as given below, upon recommendation of the Faculty, are granted the degree of Master of Arts, Master of Science, Doctor of Philosophy, or Doctor of Science, as the case may be. These degrees will be conferred by the University only upon completion of resident graduate study, tested by examinations and by theses, and are given, in no case, *honoris causa*, or for work done *in absentia*.

Regulations Governing Admission and Enrollment

1. To secure matriculation in the Graduate School a certificate must be submitted showing that the candidate is a graduate of a college of good standing, and has received the baccalaureate degree in arts, science, philosophy or letters. An official form for this purpose will be forwarded by the University upon application.

In an extraordinary case, where the baccalaureate degree has not been received, as, for example, in the case of a person who has studied in a foreign University where the degree is not given, a candidate may be received by special act of the Faculty upon the presentation of testimonials establishing the fact that he has completed a course of study equivalent to the undergraduate college course of New York University.

2. Students not qualified for matriculation may be admitted to the classes of the Graduate School, provided they are qualified in the judgment of the Professor in charge to carry on the work of the

class. Students so admitted are classed as auditors—and are not entitled to take the final examinations or to receive University credit toward advanced degrees.

3. Certain courses, those marked in this circular with an asterisk (*), intended primarily for graduates, are open also to students of other departments of the University. Students pursuing graduate courses under this rule are enrolled not as graduate students, but as students of the school in which they are candidates for degrees, and upon the successful completion of a course receive credit for the same in accordance with the regulations of that school.

4. All students before entering upon a course in the Graduate School, whether as matriculants or otherwise, must fill out and file with the Dean or Secretary of the school an application for enrollment for the current year. This application must be made upon the official blank furnished by the University, and must show the courses it is proposed to enter. This application must be filed not later than the thirty-first day of October for courses given the first term. Students permitted to enroll after that date by special action of the Faculty, will be required to pay an additional fee of \$5.00. Failure to enroll will debar the student from receiving credit for the courses of the current year.

5. No candidate shall be considered as finally enrolled until the Faculty shall have acted upon and approved the application so filed. Upon the admission of the candidate to final enrollment, he will receive from the Secretary a certificate of admission.

6. A matriculated student is held to remain in continuous attendance so long as such student enrolls and properly attends at least one course in each academic year. In the case, however, of students who have completed the number of courses required for a degree, residence will be considered to extend over an additional period of one year, provided an outline for a thesis shall have been duly presented within one year subsequent to the completion of the last of the aforesaid courses, and an enrollment fee of \$5.00 be paid. In the case of candidates for the Doctor's degree an additional year or more will be allowed for the completion of the thesis subsequent to the filing of the outline, provided the student enroll and pay an enrollment fee of \$5.00 each year.

7. Students will be considered candidates for a degree under the conditions prescribed for such candidacy at the time of their matriculation, provided they remain in continuous attendance ; interruption of such attendance for one year entails re-matriculation. The rules in force at the time of such re-matriculation shall govern the candidacy for the degree.

Regulations Governing the Election of Courses and Credit for the Same

1. By a Course in the Graduate School is intended the work prescribed for a class which meets the instructor two hours each week. A Half Course is the work prescribed for a class which meets one hour a week throughout the year. Unless otherwise stated, two half courses will be accepted as equivalent to one full course in all requirements.

The nature of Graduate work is such that it is expected that the time given by the student to work outside of the class room, in the way of collateral reading, independent research, and prescribed themes, will be at least double the amount of time ordinarily required in connection with an equivalent amount of class-room work in the University College, or in other departments of the University, and in many cases may much exceed this minimum amount.

2. Students are permitted to pursue any courses they may elect, subject to the general supervision of the Faculty, and to such regulations as to preliminary qualifications as the Professor in charge may prescribe, and subject further in the case of candidates for degrees to the requirements given below.

3. Students desiring to take more than three full courses in any one year must secure the special consent of the Faculty, which will be granted, in ordinary cases, only when the student is devoting his whole time to Graduate study.

4. To receive credit for a course, a student must be in regular attendance throughout the year, and must pass a satisfactory final written examination under the conditions given below. A report of the result of each year's examinations will be made by the Secretary to each student within one month from the time of the examination.

(a) The Examining Committee shall consist in each case of the professor of the branch in which the examination is to be held, together with a second examiner appointed by the Faculty.

(b) The examinations shall be held as far as possible in the last week of April, or the first week of May.

(c) The duration of each examination shall be from three to four hours.

(d) Extended written work, during the progress of a course, such as themes, monographs, or theses, presented before the day of examination, may, at the professor's discretion, be reckoned as covering one-half of the time required for examination. Such written work may be considered by the Committee as a part of the examination exercise.

(e) The least time devoted in any case to the written examination on the part of a student shall be one hour and a half.

5. Credit may be given for graduate work done in certain Universities of established reputation in graduate work, or in certain theological seminaries when such work is not credited toward a professional degree, when certified to by the proper authorities. In all cases, residence at this University for at least one year is required of candidates for degrees.

6. Credit may be given for graduate work in the Summer School of New York University under the following conditions :

(a) The course must be substantially identical with some course given in the Graduate School, must be given by a member of the Graduate School Faculty, or under his direction, and must be equal in the number of hours of attendance required to the corresponding course in the Graduate School.

(b) To secure credit, a student must undertake no work in the Summer School beyond the one full course.

(c) Credit for courses in Summer Schools will be limited to two (2) courses towards the Master's degree, and to not more than one (1) course in the major series for the Doctor's degree.

Regulations Governing the Granting of Advanced Degrees

Students, regularly matriculated in the Graduate School, may be recommended for the degrees of Master of Arts (M.A.), Master of Science (M.S.), Doctor of Philosophy (Ph.D.) and Doctor of Science (Sc.D.) respectively, upon satisfactory fulfillment of the following requirements:

Degree of Master

1. The degree of Master will be granted to none save Bachelors of at least one year's standing.

2. Candidates for the degree of Master must have satisfactorily completed four or more full courses, two at least of which shall be in one department. Candidates for Master of Arts must present three courses selected from either Group I. or II., or both ; Candidates for Master of Science must present three courses in Group III. At least two of the four required courses must be taken at New York University.

3. In addition to the four courses so prescribed, candidates for the Master's degree will be required, unless otherwise ordered by special action of the Faculty, to submit a thesis—which thesis will be referred to a special committee of the Faculty, who will report in writing upon its acceptance or rejection.

Requirements for the Master's Thesis

(a) The subject of the thesis must belong to the field of knowledge in which the student presents at least two of his courses, and must be chosen under the direction of a professor conducting one of those courses.

(b) The title, with the written approval of the professor, must be in the hands of the Secretary of the Faculty on or before December 1st.

(c) The thesis must not be a mere essay ; it must present evidence of a thorough knowledge of some limited special field, obtained by recourse to original sources of authors.

(d) A thorough knowledge of the accessible literature bearing upon the subject will be required. As evidence of this, an exhaustive bibliography of the topic under investigation must be appended, to which constant reference must be made in the body of the thesis.

(e) An appropriate length would be from two to five thousand words ; but adequate treatment of the subject will be required.

(f) It should be typewritten on firm paper, $8\frac{1}{2} \times 11$ inches in size, with a margin of $1\frac{1}{2}$ inches on the left-hand side of the page. After approval the thesis will remain in the possession of the University Library.

(g) A good, though not necessarily a literary, form will be required.

(h) While no extended original investigation is expected in a Master's Thesis, such conclusions as are reached must be so supported as to be regarded as proven.

(i) The Thesis, in its completed form, must be in the hands of the Secretary of the Faculty on or before May 1st preceding the commencement at which the degree is sought.

Degree of Doctor

1. The degree of Doctor will be granted to none save Bachelors of at least three years' standing.

2. Candidates for the degree of Doctor must have satisfactorily completed at least eight full courses (including courses credited for the Master's degree), as follows : four courses which shall be known as the Major Series—and which shall all be taken in one department, or if the department is subdivided, in one of the divisions of the department ; two courses which shall be known as the First Minor Series, which must be taken in the same group, but not necessarily in the same department, as the Major Series ; two courses which shall be known as the Second Minor, and which may be taken in any group, but must not be in the same department as the Major Series. It is to be understood that the requirements here given are in the nature of a minimum requirement. The completion of the specified number of courses will not entitle a candidate to receive the Doctor's degree, unless the candidate has shown in his work such ability as, in the judgment of the Faculty, to warrant recognition of this high order.

3. For the Major and First Minor Series, candidates for the degree of Doctor of Philosophy must elect courses in Groups I. or II., and candidates for the degree of Doctor of Science, courses in Group III.

4. At least four of the eight required courses must be taken at New York University.

5. Only one of the courses marked with an asterisk (*) may be included in the Major Series.

6. A thesis to be known as the "Thesis for the Doctorate" is required of all candidates for the Doctor's degree, under the following conditions :

(a) The thesis must deal with a subject belonging to the department of the Major Series.

(b) It must show original treatment or give evidence of independent research. It must be accompanied by an analytical table of contents and by a bibliography of the subject prefixed to the same.

(c) A preliminary typewritten report in duplicate, containing the subject of the thesis and an outline of the same, must be submitted for criticism by the candidate not later than November 15th. Candidates who expect to devote more than one year to the preparation of their thesis should notify the Secretary of such intention.

(d) The thesis must be sent to the Secretary of the Faculty not later than April 15th. It will then be submitted to a committee appointed by the Faculty, which will report in writing upon its acceptance or rejection.

(e) The thesis must be presented in typewriting on paper 8 x 11 inches in size, bound, with the writer's name lettered upon the cover. If accepted, the thesis must be printed within one year's time from the conferment of the degree. Fifty dollars shall be deposited with the Bursar of the University as a guarantee when the thesis is presented, which sum will be returned if the thesis is rejected, or as soon as it is published and fifty copies deposited with the Librarian of the University.

(f) The number of words in the thesis must not be less than five thousand, except upon action of the Faculty.

7. In addition to the thesis and the ordinary examinations, there shall be a final oral examination of the candidate upon his Major subject, under the following requirements :

(a) The examination shall test the candidate's knowledge of his Major subject as derived from collateral study, as well as from the courses taken in the University.

(b) It shall be conducted by the professors in charge of the Major Series, in the presence of a quorum of the Faculty, which quorum shall consist of members of the Faculty, in number at least equal to those giving instruction in the group which the candidate has selected.

Fees and Expenses

Matriculation Fee (paid once only)	\$5.00
Fee for Instruction and Examination :	
Each full course, per year	25.00
Each half course, per year	15.00
Fee for Diploma, Master's or Doctor's Degree	20.00
Laboratory Fee, Chemistry, per year	20.00

The enrollment fee required of candidates for degrees employed in the completion of a thesis is \$5.00 per year.

No application for matriculation will be considered until the matriculation fee has been paid. The fee will be returned in case the application is rejected. The laboratory fee in Chemistry must be paid at the laboratory upon entrance upon the course.

Fees for instruction are due upon entrance upon the course, and must be paid not later than November 15th, to the Bursar at Washington Square.

Special Privileges to Students of Certain Theological Seminaries

Exemption from the fees for instruction and examination in the Graduate School is granted to undergraduate students of the following theological seminaries: Union Seminary, General Theological Seminary, Princeton Seminary, Drew Seminary, New Brunswick Seminary, St. Joseph's Seminary and the Jewish Seminary of America.

Fellowships and Scholarships

The Ottendorfer Memorial Fellowship

The Ottendorfer Memorial Fellowship for Germanic Philology, with an annual income of \$800, with a maximum allowance of \$100 for books, was established in New York University in 1901, by the friends and admirers of the late Hon. Oswald Ottendorfer, LL.D.

The following announcement for 1908-09 is made respecting this foundation.

Candidates must present satisfactory evidence of the following minimum qualifications :

- (a) Bachelor's degree from some American college recognized by the New York Board of Regents ;
- (b) Ability to read easily English, German, French and Latin ;
- (c) Ability to speak and write English and German ;
- (d) An elementary knowledge of two of the older Germanic dialects ;
- (e) A knowledge of the history of German literature ;

- (f) Such ability as to warrant the belief that the candidate, if appointed, will be able to make original investigations in Germanic philology.
 - (g) Age, as not more than twenty-five years.
- The duties of the Ottendorfer Memorial Fellow for 1908-09 will be:
- (a) To report for duty, October 1, 1908;
 - (b) To devote his time to the study of Germanic philology under the direction of the Committee, wherever (at least six months in Germany) it may direct.
 - (c) To publish, under the direction of the Committee, the results of his investigations.

One reappointment may be made, but only for superior attainments. Appointment will be made about April 15, 1909.

The appointee for 1908-09 is John Whyte.

The first publication issued in accordance with the provisions of this foundation was: Schiller's *Einfluss auf die Jugenddramen Hebbels. Die Jungfrau von Orleans und Hebbels Judith: eine Studie über das Drama von Ernst Otto Eckermann. 1906. 106 S. 8.*

Candidates may apply for further particulars and for application blanks to LAWRENCE A. McLOUTH, Professor of Germanic Languages and Literatures, University Heights, New York City.

Graduate Scholarships

REMSEN GRADUATE SCHOLARSHIP.—This scholarship was founded April, 1896, by R. G. Remsen, Jr., '73.

RICHARD H. BULL GRADUATE SCHOLARSHIP.—This Scholarship was founded June 1, 1887, by Richard H. Bull, Ph.D., who filled the chair of Engineering from 1853 to 1884.

ELLINWOOD SCHOLARSHIP IN COMPARATIVE RELIGION.—This scholarship, founded 1904, provides tuition in the courses in Comparative Religion.

FACULTY GRADUATE SCHOLARSHIPS covering tuition are in the gift of the Faculty, to be bestowed upon graduate students who may be found entitled to them by their scholarship. They are intended to provide for the fees for courses in the Graduate School. To obtain one of these scholarships, a student must have enrolled himself and paid his fees for the year by November 1. He must, by November 30, have presented to the Dean a statement including the following items: (1) The college at which his Bachelor's degree has been received, specifying the particular degree and the year of its reception. (2) The number of members in his class at graduation. (3) His own relative position in the class (by giving his number on the roll arranged according to scholarship). (4) The branch of study in which he made his best record. (5) Certification of above by some officer of the college named.

The Faculty will select the man or men standing highest as judged by the record obtained as above named, and further, by such original work and special testimonials of work as may be offered by the candidate to the Faculty and accepted.

GRADUATE SCHOLARSHIPS FOR ALUMNI OF CERTAIN COLLEGES IN OHIO.—The following scholarships provide tuition, each to the amount of not over \$100 a year, in the University Graduate School for such graduate of the college named as its President may recommend to the Chancellor of the University:

WILLIAM L. STRONG SCHOLARSHIP, for graduates of Kenyon College, Gambier, Ohio.

A. D. JUILLIARD SCHOLARSHIP, for graduates of Wooster University, Wooster, O.

CHARLES T. BARNEY SCHOLARSHIP, for graduates of Western Reserve University, Cleveland, O.

S. LOEB SCHOLARSHIP, for graduates of University of Cincinnati.

HENRY M. MACCRACKEN SCHOLARSHIP, for graduates of Wittenberg College, Springfield, O.

Location and Buildings

Courses in the University Graduate School, except laboratory courses in Science, are given at the University Building, Washington Square, East. Certain class rooms on the ninth and tenth floors are set apart for the use of this school, and the library and reading rooms of the University Law School, the School of Pedagogy, and the School of Commerce, are open also to students of the Graduate School on equal terms. The social room of the School of Pedagogy is open also to women students of the Graduate School.

The building is very centrally located, and can be easily reached from Brooklyn and New Jersey. The street railway on Eighth Street, running to Brooklyn and connecting by transfer with all north and south bound lines, is within a short block of the entrance to the University elevators on Waverley Place. The Eighth and Bleecker Street stations of the Sixth Avenue Elevated Road, the Ninth Street Stations of the Third Avenue Road and New Jersey Tunnel, and the Astor Place Station of the Rapid Transit Road are within five minutes' walk.

The class rooms, being on the two upper floors of the building, are above the noise and dust of the city, and the wide expanse of Washington Square assures abundant air and light.

Courses in Science, requiring the use of a laboratory, are given at University Heights, the magnificent site of the University College and School of Applied Science, with the exception of the courses in Physiology, which are given in the Physiological Laboratory of the University Medical College at First Avenue and Twenty-sixth Street.

The Charles F. Deems Lectureship in Philosophy

The University accepted, April 15, 1895, from the American Institute of Christian Philosophy, an endowment of Fifteen Thousand Dollars for the support of a lectureship to be called the Charles F. Deems Lectureship of Philosophy, under the following rules:

The University agrees to maintain said lectureship by securing for each year, or each alternate year, a Lecturer, eminent in Science and Philosophy, who shall treat in not less than six lectures some one of the most important questions of Science and Philosophy, with a special reference to its relation to the revealed truths of the Holy Scriptures and to the fundamental principles of Theistic Philosophy.

The Lecturer shall be chosen by the University's Committee upon the Charles F. Deems Lectureship, which shall consist of the Chancellor and two members of the Faculty of Arts and Science and two members of the University Council, to be named as the Council may direct. The subject for each year's lectures shall be agreed upon between this Committee and the Lecturer.

The University shall provide, free of charge, a room for the lectures, and shall, at its own expense, make due public announcement of the time and place of each lecture. The University shall also publish, in book form, each series of lectures, and put the same on sale with one or more reputable book firms, provided this can be done without further expense than can be met by the accumulation of income over and above the expense of maintaining the annual or biennial series of lectures.

The University's Committee at present is constituted as follows: Chancellor MacCracken, Dean Hering, Mr. William S. Opdyke, and Rev. Dr. George Alexander.

The fourth course upon this foundation was given in July, 1908, by Rev. Horace G. Underwood, D.D., of Seoul, Korea.

COURSES OF INSTRUCTION

Graduate Courses of Instruction are announced below, with the understanding that the instruction in each branch is subject to the conditions hereinafter specified.

1. The courses are offered subject to such arrangement of matters of detail as may be made between the student and the professor or instructor by correspondence or by personal interview.

2. In certain subjects the courses are offered under the condition that not less than five persons enroll for the course selected.

3. For certain courses acquaintance with the German and French languages is essential.

4. Courses inclosed in brackets will not be given in 1908-09.

5. Courses marked (*) are open to those College Seniors and to Students of the Collegiate Division who have permission to take graduate work. Of these courses, but one may be included in the Major Series.

6. Full courses demand attendance each for at least two hours weekly upon the lectures or seminary instruction of professors. Half courses may demand attendance for one hour a week for the whole year or, in certain subjects, two hours weekly for half a year. But in certain laboratory courses a half course may require two hours throughout the year. All courses designated in this schedule as requiring two hours weekly are full courses, unless otherwise indicated. In the requirements for degrees two half courses are considered to be the equivalent of one full course.

7. When not specified, the hours of the lectures will be fixed by special arrangement to suit the convenience of instructor and students.

Group I.—Language and Literature

DEPARTMENT OF GREEK

Consultation hours: Professor Waters, Saturdays in October 10-12 A.M., University Building, Washington Square. On other days, by appointment.

* I. THE GREEK DRAMA. Origin, development and influence of the classic drama; study of the structure, action and production of Greek plays; critical study of fifteen selected plays in translation. Full course. Two hours. Wednesday, 4-6. Professor Waters.

* II. THE SCHOOLS OF HELLAS. A study of Greek philosophy from Thales to Epictetus. Historical study of the order and interaction of Greek speculative thinking, with characterization of the different schools and selected readings from the fragments and entire works of the more prominent philosophers. Greek theories of education, as set forth not only by Plato, but in numbers of *loci classici* in Homer, the lyric and dramatic poets, the orators and other writers. The work is conducted by means of translations. Full course. Two hours. Friday, 4-6. Professor Waters.

* III. GREEK LITERARY CRITICISM. Beginning with the rise of the grammatical and rhetorical arts, and continuing through the teachings of the Sophists, of Plato and Aristotle, and continuing through Dionysius and Plutarch. The study is conducted by means of translations. One hour. Friday, 6-7. Professor Waters.

Greek Language Courses

IV. THE GREEK ORATORS. With pedagogical study in the teaching of the rendering of Attic prose Greek into English. Constitutional antiquities. Greek prose composition. Full course. Hours to be arranged on consultation. Professor Waters.

V. THE GREEK DIALECTS. Study in Homer, the Æolic and Ionic poets; selected inscriptions typical of the larger part of all the dialects. For those wishing it, the course will include lectures on the art of teaching Homer. Full course. Hours to be arranged on consultation. Professor Waters.

Upon ample notice, Courses IV and V may be re-arranged, or an additional language course may be added.

DEPARTMENT OF LATIN

Consultation hours: Professor Sihler, last Saturday in September and first Saturday in October, 10-12 A.M., University Building, Washington Square; Monday and Saturday evenings at residence; all day Mondays, at University Heights. Students are invited to use the Hübner collection freely.

II. THE RHETORICAL TREATISES OF CICERO. Analysis of the technical and historical elements which they contain. The author *ad Herennium*. The elder Seneca and Quintilian. Technical analysis of some speeches of Cicero. Two hours. Professor Sihler.

III. LUCRETIVUS, *De Natura Rerum*. Democritus and his emphasis of specific science. Epicurus and his emphasis of dogmatic rationalism. Influence of Empedocles and Ennius. Epicureanism in the Ciceronian age. Piso's villa at Herculaneum and the *Volumina Herculaneusia* at Naples. The fragments of Philodemus. The question of Cicero's editorship. The views of Lambinus, Lachmann, Sellar, Munro. The composition of the individual books. Lucretius as a propagandist. The critical problems of the iterations in Lucretius. The second hour of this course is to be devoted to exercises in Latin prose and practice in Latin speaking. Two hours. Saturday, 11.15-1.15. Professor Sihler.

V. HISTORY OF ROMAN LITERATURE FROM LIVIUS ANDRONICUS TO THE DEATH OF CICERO. Teuffel and his insistence on the exact reproduction of Classic Tradition. Bernhardt and his interest in intrinsic factors of literature. Schanz.—The antiquarian and grammatical interest: Varro, Suetonius, Gellius. The rhetorical interest: Cicero, Quintilian, Tacitus. Two hours. Professor Sihler.

IX. THE WORKS OF TACITUS. Analysis of the design and contents of the *Dialogus*, *Agricola*, *Germania*, *Historia* and *Annales*. The contributions of Lipsius, Orelli, Nipperdey, Kritz, Draeger — of Wölfflin and other more recent critics will be presented.— Practical exercises in presenting written syllabus in normal Latin; colloquial exercises in Latin, Mommsen's *Provinzen*, Orelli-Henzen, and selected Inscriptions from the Hübner collection. Two hours.

Professor Sihler.

X. ADVANCED COURSE IN LATIN WRITING. Latin Discourse and Latin Syllabus. Free Themes. Exercises in Latin Speaking. (Meissner's *Latin Phraseology* translated by Auden.) Two hours. Professor Sihler.

XII. THE TWENTY PLAYS OF PLAUTUS. The *Testimonia veterum*, etc., as presented in Goetz and Schöll's edition. The *prologi: cantica*, etc. Word-formation, inflection, etc., as influenced by metrical adaptation, with comparative study of Ribbeck's *Scenici*. Two hours. Professor Sihler.

XI. SECOND PART OF HISTORY OF CLASSIC ROMAN LITERATURE: From the Augustan Age through the writers of "Silver Latinity" to Fronto and Gellius. With an appendix on the Law-writers in the Digest, and on the Structure of the Corpus Juris. In the second hour the foremost master of Roman prose-style, the great essayist Seneca, will be presented in lectures and readings. Two hours.

Professor Sihler.

XIV. LIFE, LETTERS AND PHILOSOPHY of Q. Horatius Flaccus of Tibur.

The two great schools of Stoicism and Epicureanism will be presented from the sources. As for the letters or the authorship of the foremost writer of the Augustan era the following may be stated: a) Odes and Epodes are primary efforts to reproduce the Iambus of Archilochos, the melic forms of Sappho, Alkaios and others, in Latin verse. The Greek models of Horace, as well as other data from Hephaestion will be brought forward. b) Satires (Lucilius will be fully cited) and Epistles constitute by far the greater and more original productions of Horace, on which his eminence in world literature really rests.

The textual criticism of Bentley and Lucian Müller will occasionally be presented. Two hours.

Professor Sihler.

*XV. SEMINAR IN VERGIL. The chief aim of this course will be to present the criticism and learning of ancient commentators, such as Probus, Donatus, Servius, and also to show the manner in which the Roman Grammaticus handled the principal school author in Roman education. Some sketch of Latin grammatical methods as pursued in antiquity will be given. For the second hour readings from all the works with scanning are proposed.

Professor Sihler.

***XVI. SEMINAR IN CICERO.** Political and professional biography of the pleader and statesman. His making and ideals. Special study of the manner in which the 57 orations (preserved) are connected with his career. Asconius and the Grammatici. Cicero in Ancient Tradition. Quintilian, Technical Analyses. Mommsen, Madvig, Long, Halm. Two hours. Saturday, 9.15-11.15. Professor Sihler.

NOTE.—III. and XVI. are to be given in 1908-09.

DEPARTMENT OF SEMITIC LANGUAGES

Consultation hours: Professor Isaacs, Washington Square. Thursdays in September, 3-5 P. M.

Hebrew

***I. RUTH**, with thorough grammar. Easy narrative reading and translation into Hebrew. One hour.

This course must be taken by all students making Hebrew the major subject. Professor Isaacs.

II. JOB, with lectures on the history of the Hebrew language. Two hours. Tuesday, 10-12 A. M. Professor Isaacs.

III. MEDIEVAL HEBREW POETRY, with lectures on leading authors. Brody and Albrecht's Texts from Spanish-Arabian Epoch. One hour. Professor Isaacs.

Aramaic

I. BIBLICAL ARAMAIC, with references to Kautsch's Grammar. One hour. Professor Isaacs.

II. TARGUM ONKELOS, with lectures on origin and character of the Targumin. One hour. Professor Isaacs.

Rabbinical

I. THE MISHNA. "Pirke Aboth" and "Aboda Zara," Strack's edition, with lectures on the beginnings of rabbinical literature. Two hours. Tuesday, 1-3 P. M. Professor Isaacs.

Syriac

I. NESTLE'S SYRIAC GRAMMAR, with Chrestomathy. A beginner's course. One hour. Professor Isaacs.

DEPARTMENT OF ENGLISH

Consultation hours: Professor Stoddard, Saturdays in October, 10-12 A.M. Professor Bouton, Tuesdays in October, 3-4 P.M.; Saturdays, 9-11 A.M. University Building, Washington Square.

English Literature

I. ENGLISH POETRY. Study of the history of poetic forms, and of the development of poetry in English Literature. Full course, two hours. Monday, 4-6. Professor Stoddard.

***II. MODERN DRAMA.** Study of dramatic art as illustrated in selected masterpieces of the Elizabethan and Restoration periods. Full course, two hours. Saturday, 9.15-11.15. Professor Stoddard.

[III. COMPARATIVE LITERATURE. The aim of this course is to study the intellectual activity of a single period, and especially to investigate the relations of the English literature of the era chosen to the contemporary intellectual life of Europe. Half course, one hour.]

Professor Stoddard.

Course III. will probably not be given in 1908-09.

IV. DEVELOPMENT OF FICTION. Study of the history and characteristics of English Fiction. Full course, two hours. Saturday, 11.15-1.15. Professor Stoddard.

V. THE EVOLUTION OF THE ESSAY. A study of the history, nature and later development of the English Essay in the Eighteenth Century. Half course, one hour. Monday, 3-4. Professor Stoddard.

VI. THE PRINCIPLES OF LITERARY CRITICISM, as applied to prose style. An historical survey of the Greek and Græco-Roman criticism and of that of the Middle Ages. Study of the origins and development of modern rhetorical canons; the evolution of English prose-form; the development of classical and romantic types of style. Full course, two hours, Tuesday, 4-6. Professor Bouton.

VII. ENGLISH LITERARY CRITICISM. A study, historical and analytic, of critical appreciation as applied to English literature. Full course. Two hours. Professor Bouton.

English Philology

***I. ANGLO-SAXON (INTRODUCTORY COURSE).** Study of the history and development of the Old English dialects. Critical examination of selected examples of old English prose. Full course, two hours. Wednesday, 4-6. Professor Stoddard.

[II. ANGLO-SAXON (ADVANCED COURSE). Study of Old English poetry with especial reference to the phonology and prosody. Full course, two hours. Hours to be arranged.] Professor Stoddard.

[III. ENGLISH PHILOLOGY (ADVANCED COURSE). The dialects and the literature of the Middle English period. Full course, two hours.]

Professor Stoddard.

DEPARTMENT OF GERMANIC LANGUAGES AND LITERATURES

Consultation hours : Professor McLouth, Associate Professor Wilkens, every week day, except Saturday, 4-5 P. M., Saturday 10-11.30 A. M., from Sept. 26 to Oct. 15 ; after that date, Saturday, 9.15 A. M.-1 P. M., at Washington Square, or at any time by letter at University Heights, N. Y. City.

German Literature

I. II. GENERAL COURSE IN THE HISTORY OF GERMAN LITERATURE. This course is planned to cover two years, the first giving a general survey of the subject up to the time of Lessing, the second continuing the subject down to the present day. The course will consist of lectures, recitations, discussions and written quizzes, together with the preparation of a small *Arbeit*. The guide for the course will be *Scherer's Geschichte der deutschen Litteratur*, 8. Auflage, Berlin, 1899, and *Max Müller's German Classics*; readings will be assigned in the histories of *Brandes*, *Gervinus*, *Gottschall*, *Haym*, *Koberstein*, *Koegel*, *Schmidt*, *Vogt u. Koch*, *Wackernagel*, and others. Two hours.

Professor McLouth.

III. The more important monuments of mediæval German Literature. *Volksepos* : *Das Nibelungenlied* and *Gudrun* ; *Hofepos* : *Wolfram von Eschenbach's Parsival* ; *Lyrik* : *Walther von der Vogelweide*. In this course the pupils will read and study longer selections from these works, familiarize themselves with the opinions of such critics as *Bartsch*, *Haupt*, *Lachmann*, *Martin*, *Müllenhoff*, *Paul*, *Pfeiffer*, *Wilmanns*, and *Zarncke*, and prepare one or more papers each on assigned topics. Lectures will be given on the bibliography, sources, authorship, manuscripts, meter, literary style, literary offspring, etc. Tuesday, 4.15-6.15.

Professor McLouth.

VIII. GOETHE IN MATURE LIFE. His autobiography, the Second Part of *Faust*. The course will consist of a special study of the works of the last period of Goethe's life, of collateral readings, and of original investigations of selected topics. Two hours. Saturday, 11.15-1.15.

Associate Professor Wilkens.

German Philology

I. INTRODUCTORY COURSE IN MIDDLE HIGH GERMAN. A study of the phonology, accent and syntax of Middle High German, as given in the latest edition of Hermann Paul's *Mittelhochdeutsche Grammatik*; the reading of twenty cantos of the *Nibelungenlied* (*Zarncke's* edition); lectures upon the manuscripts, the legends, the origin-theories, the meter, the antiquities, the literary offspring, etc., of the *Nibelungenlied*. Each student will be expected to present a brief paper upon some assigned topic. Two hours.

Professor McLouth.

II. INTRODUCTORY COURSE IN OLD HIGH GERMAN. A study of the phonology and accidence as given in Braune's *Althochdeutsche Grammatik*; the reading of selections in Braune's *Althochdeutsches Lesebuch*. Two hours. Tuesday, 4.15-6.15. Associate Professor Wilkens.

III. INTRODUCTORY COURSE IN GOTHIC. A study of the phonology and accidence as given in Wilhelm Braune's *Gotische Grammatik*, 5. Auflage, Halle, 1901; the study of portions of Streitberg's *Urgermanische Grammatik* and Stamm-Heyne's *Ulfilas*, 11. Aufl. 1908; the reading of selections from the Gospels of Matthew, Mark and Luke, the Epistle to the Corinthians in Wulfila's translation of the Bible, and of pages I and VII of the *Skeireins*. A reading knowledge of Greek is a decided advantage but not a prerequisite. Two hours.

Professor McLouth.

DEPARTMENT OF ROMANCE LANGUAGES

French

Consultation hours: Professor Gillett, daily during October, at University Heights. Dr. Delamarre, first two Mondays and Thursdays in October, 3-5 P.M., Washington Square.

*I. SOURCES AND DEVELOPMENT OF FRENCH COMEDY. Influence of Italy and Spain on writers of Comedy in France, as illustrated in the works of Corneille and Molière. Nisard: *Histoire de la littérature française*. De Julleville: *Le Théâtre en France; Les Comédiens en France*. Moland: *Molière et le Théâtre italien*. Larroumet: *La Comédie de Molière*. Two hours.

Professor Gillett.

II. STUDY OF THE BEGINNINGS AND GROWTH OF FRENCH TRAGEDY. Investigation of sources of selected plays of Corneille and Racine. Demogeot: *Littératures méridionales*. Ste. Beuve: *Portraits littéraires*. Paul Albert: *La Littérature française au XVII^e siècle*. Nisard, De Julleville, Lauson, etc. Two hours.

Professor Gillett.

III. RENAISSANCE LITERATURE IN FRANCE. With especial reference to the influence of Rabelais, Montaigne, the *Satyre Ménippée*, Marot, and Ronsard. Lenient: *La Satire en France au XVI^e Siècle*. Stapfer: *Rabelais, sa personne, son génie et son œuvre*. Paul Albert: *La Littérature française au XVI^e Siècle*. Darmsteter and Hatzfeld: *Le XVI^e siècle en France*. Nisard, Demogeot, etc. Two hours. Professor Gillett.

IV. THE EIGHTEENTH CENTURY IN FRANCE. Society, men and ideas. Analytical study of representative authors: Voltaire, D'Alembert, Diderot, etc. Two hours. Monday, 3.45-5.45. Dr. Delamarre.

V. HISTORY OF THE FORMATION AND DEVELOPMENT OF THE FRENCH LANGUAGE. In three parts: 1. Phonetics; 2. Morphology; 3. Syntax. One part to be given each year. Part 2 will be given in 1908-09. Two hours. Thursday, 3.45-5.45. Dr. Delamarre.

Spanish

I. SPANISH LITERATURE IN THE TIME OF CERVANTES. Study of *Don Quixote* and the Picaresque Novel; *Marcos de Obregón*, *Lasarillo de Tormes*, etc. Ticknor: *History of Spanish Literature*. Sismondi: *Literature of the South of Europe*. Bouterwek, Schlegel. Two hours. Professor Gillett.

II. HISTORY OF THE DRAMA IN SPAIN. Study of its rise and development in the Seventeenth Century. Selected plays of Lope de Vega (E. Zerolo, *Obras Escogidas*), Calderon (Maccoll's *Select Plays*), and Juan de Alarcon. Moratin: *Orígenes del teatro español*. Ticknor, Schack, Revilla, etc. Half course, one hour. Professor Gillett.

Group II.—Philosophy and History

DEPARTMENT OF PHILOSOPHY

Consultation hours: Professor Gordy, daily, September 22-November 1, 2-4 P.M.; Professor MacDougall, Monday, Tuesday, Wednesday, 3.30-5.30; Professor Shaw, daily, 2-4 P.M.; Professor Lough, Mondays, Tuesdays and Wednesdays, 2-3.45 P.M.; all at Ninth Floor, University Building, Washington Square.

Systematic Philosophy and History of Philosophy

*XXIV. THE HISTORY OF ANCIENT AND MEDÆVAL PHILOSOPHY. Two hours. Saturday, 9.15-11.15. Professor Shaw.

*XXXI. HISTORY OF MODERN PHILOSOPHY. The work of this course will include a study, first, of individual men and their contributions; and second, of the problems and general tendencies of the period. In both cases the development of philosophic thought will be considered in its relation to the history of human knowledge and ideals of life. Systematic reading will be prescribed in connection with each part of the work. Two hours. Tuesday, 3.45-5.45.

Professor MacDougall.

XXXII. SEMINAR IN MODERN PHILOSOPHY. The aim of this course is to give the student some acquaintance with the works of modern philosophical writers and at the same time to provide an opportunity for special reading and research along those lines in which each

student is interested. The literature of the course will consist of two parts : first, a series of representative readings in modern philosophical classics, in which all members of the class will participate, and second, systematic reading in those philosophical movements in which each student is especially interested. Either individual writers or phases of thought may be selected as the subject of such special study. The course will be conducted by reports of literature, discussions and informal lectures. Two hours. Tuesday, 7.30-9.30 P.M.

Professor MacDougall.

[II. PLATO AND ARISTOTLE. The most important dialogues of Plato, and portions of the *Metaphysics*, *Psychology* and *Ethics* of Aristotle, will be read and discussed. The aim of the course is to give a comparative view of the two philosophers. Two hours.]

Professor Gordy and Dr. Kahn.

V. PHILOSOPHY OF KANT. The historic sources of Kant will be investigated, and the *Critique of Pure Reason* and portions of the *Critique of Practical Reason* taken up. Method of study: Assigned readings, essays and discussions. Two hours per week.

Professor Gordy and Dr. Kahn.

*XIV. PHILOSOPHY OF ETHICS. A philosophy of life from the standpoint of ethical theory. The course presents and criticizes both hedonism and rigorism, and attempts to develop a third theory in the form of humanism. Two hours. Saturday, 11.15-1.15.

Professor Shaw.

[XVI. SYSTEMATIC PHILOSOPHY. This course is pursued with a two-fold aim: to serve as an introduction to the general subject of philosophy; and to provide, for more advanced students, a systematic survey of the various forms of philosophic activity. Two hours.]

Professor Shaw.

[XVII. METAPHYSICS. This course endeavors to relate the problems of ontology, cosmology, and psychology to the three laws of the mind. Special attention is given to the problems of the soul, and the interaction of mind and body. Two hours.]

Professor Shaw.

*IX. EPISTEMOLOGY. This course will consist of an analysis of the conceptions employed by ordinary and by scientific thought in endeavoring to interpret the world. A critical study will be made of the assumptions involved and the methods of reaching the fundamental conceptions and principles of the different sciences. The course will also include a study of the origin of knowledge as shown in the opposing views of rationalism and empiricism; the nature of the object of knowledge contained in the theories of idealism and realism; and the

validity of knowledge, including dogmatism, scepticism, relativism, positivism. The aim of the course will be to enable the student to ascertain the nature and trustworthiness of knowledge by helping him to see for himself the nature of the foundation of what we know and believe. Two hours. Saturdays, 9.15-11.15. Professor Lough.

Psychology

***XIX. SYSTEMATIC PSYCHOLOGY.** This course undertakes a scientific study of the functions and phenomena of consciousness. Its aim is to give the student a working conception of mind based upon the results of introspective and experimental investigations. The psychological works of James will be read with special reference to a comparison of his views with those of other leading psychologists. Two hours. Tuesday, 3.45-5.45. Professor Lough.

***XXVII. GENETIC PSYCHOLOGY.** A study of the processes of mental development in the individual and the race. The work of the course consists of two parts: first, the phenomena and laws of individual mental growth; infancy, the child mind, adolescence, senescence. Second, the derivation of mental characteristics; heredity and evolution. Selected literature will be read in connection with the course. One hour. Thursday, 4.45-5.45. Professor MacDougall.

XXXIV. SOCIAL PSYCHOLOGY. Three general topics are taken up. First, the psychological self: its essential dependence upon social relationship; reflection of social consciousness in individual judgments; rivalry of social ideals in self-development. Second, the process of development in its relation to social factors: suggestion and imitation; inventiveness and dependence; reaction and opposition. Third, social groups and their characteristics: the mob-consciousness; social delusions and manias; tradition and caste; social idealizations and their relation to individual action—the family, class and state; the relation of the social self to the moral and religious consciousness.

The reading for this course will be selected in connection with each topic discussed, and upon the report of such literature the class-work will be largely based. Two hours. Saturday, 11.15-1.15.

Professor MacDougall.

***XX. EXPERIMENTAL PSYCHOLOGY.** The problems, methods, and results of experimental psychology are presented and subjected to critical examination. Students have an opportunity of becoming acquainted with the practical phases of experimentation through laboratory work. Two hours. Friday, 3.45-5.45. Professor Lough.

XXI. RESEARCHES IN EXPERIMENTAL PSYCHOLOGY. This course is open to those who have completed a general course in experimental psychology. The subject taken up by each student will be selected after consultation. Two hours. Hours to be arranged. Professor Lough.

Comparative Religion

I. HISTORY OF RELIGIOUS THOUGHT. A critical examination of the development of religious thought in modern times. The aim of this course will be to show under what conditions the religious idea was emancipated and to determine the salient features of current speculation in religion. Two hours. Monday, 1.45-3.45. Professor Shaw.

*** II. PHILOSOPHY OF RELIGION.** A constructive study of the religious principle in mankind. This course asserts the independence of the religious precinct and endeavors to relate philosophy of religion to other forms of philosophical culture. Two hours. Monday, 3.45-5.45. Professor Shaw.

III. DEVELOPMENT OF POSITIVE RELIGION. An investigation of the origin, development and culmination of the religious consciousness. Special attention is paid to the development of religion in India. Two hours. Friday, 3.45-5.45. Professor Shaw.

DEPARTMENT OF EDUCATION

Consultation hours: The hours are as announced under the Department of Philosophy, and Professor Balliet, Saturdays, 11.15-12.00, Dean's Office, School of Pedagogy.

The following courses given in the School of Pedagogy are graduate courses in Education. In this department three hours constitute one full course. The fees are \$10 for a one hour course, and \$15 for a two hour course. When the Major series for the Doctor's degree is in Education, the first minor as well as the second minor must be in some other department.

P1. HISTORY OF EDUCATION. Two hours. Saturday, 11.15-1.15. Professor Gordy.

P4. ANCIENT PHILOSOPHY IN ITS RELATION TO EDUCATION. One hour. Tuesday, 3.45-4.45. Professor Gordy.

[P6a. EDUCATIONAL CLASSICS. GREEK AND ROMAN. One hour. Professor Gordy.

P6b. EDUCATIONAL CLASSICS. MODERN. One hour. Friday, 3.45-4.45.] Professor Gordy.

Courses 6a and 6b are given in alternate years.

P7. PRINCIPLES OF EDUCATION. Two hours. Saturday, 9.15-11.15.
Professor Balliet.

P22. GENERAL METHOD. The class is divided into two sections doing identical work. A student may enter either section. One hour. Saturday, 12.15-1.15, or Thursday, 4.45-5.45. Professor Balliet.

P23. SPECIAL METHOD IN GEOGRAPHY AND HISTORY. One hour. Wednesday, 4.45-5.45. Professor Balliet.

P24. SPECIAL METHOD IN ARITHMETIC AND READING. One hour. Wednesday, 3.45-4.45. Professor Balliet.

P27. INTRODUCTION TO PRIMARY METHOD. A study of the psychological bases of methods in Primary School subjects. One hour. Saturday, 9.15-10.15. Professor MacDougall.

P30. PHILOSOPHY OF EDUCATION. One hour. Tuesday, 4.45-5.45. Professor Gordy.

P31. HISTORY OF EDUCATION. Advanced Course. One hour. Friday, 4.45-5.45. Professor Gordy.

P32. RESEARCH IN EDUCATIONAL PROBLEMS. This course is intended for advanced students and to afford an opportunity for the scientific investigation of specific educational problems. The subjects taken up by each student will be determined after consultation. The following are some of the topics now under investigation: Formation of habits; memory; fatigue; distraction; course of pupils through the grades; rapid promotion of pupils; relative value of oral and visual training in language and arithmetic, etc. The study of these topics will be continued, and such other subjects will be taken up as the interests of the individual student may suggest. Special permission is required for enrollment. One hour. Wednesday, 4.45-5.45. Professor Lough.

DEPARTMENT OF ECONOMICS

Consultation hours: Professor Johnson, Monday, 3 to 4; Assistant Professor W. H. Lough, Jr., Monday, 3 to 4; Dr. Galloway, Tuesday, 3 to 4; Dr. Robinson, Thursday, 3.30 to 4.30. University Building, Washington Square.

I. HISTORY OF POLITICAL ECONOMY. The study of the development of economic theory, especial attention being given to Smith, Ricardo, Mill and the Austrian School. 2 hours. Monday, 4-6. Professor Johnson.

II. MONEY, BANKING AND FOREIGN EXCHANGE. An historical and analytical study of the mechanism of exchange. The evolution of

money and credit and their relation to prices, wages and the rate of interest, the money market, speculation and the foreign exchanges. 2 hours. Wednesday, 4-6. Professor Johnson.

III. TRANSPORTATION. A study of traffic conditions in the United States and of the present situation as regards rates and methods. Half course. First term. Wednesday, 4-6. Assistant Professor Lough.

IV. PANICS AND DEPRESSIONS. An historical review of the financial disturbances of the last half century. It is the purpose of this course to make the student familiar with the phenomena and causes of panics. Half course. Second term. Wednesday, 4-6. Assistant Professor Lough.

V. ECONOMIC THEORY. An analysis of the modern theories of value and distribution. Thursday, 4-6. Professor Johnson and Dr. Robinson.

VI. INDUSTRIAL EVOLUTION. A study of the commercial and industrial development of England and the United States during the last century. Tuesday, 4-6. Dr. Galloway.

DEPARTMENT OF SOCIOLOGY

Consultation hours: Dr. Binder, Fridays, 3-4; Saturdays, 8.30-9.15 and 1.15-2.00, at Washington Square.

*I. SOCIAL PROBLEMS AND REFORM MOVEMENTS. An introduction to the systematic study of sociology. The lectures will treat chiefly four topics during the first half-year: *The Family*; its importance for civilization, its organization and disruption. *The Drink Question*; its bearings upon the individual, the state, and society. *The Labor Question*; its urgency at the present time, its bearing upon employers and employees, and its possible solution in co-operation and profit-sharing. *The Question of Modern Charity*; organized and unorganized philanthropy; various ways of approaching poverty, delinquency, and degeneracy. During the second half-year important reform movements will be treated, with the principles upon which they are based: (a) Woman and child labor; (b) Care of the unemployed; (c) Housing the working people; (d) Treatment of prisoners, and children's courts; (e) Women's rights; (f) Accidents in factories and on railroads; (g) Institutions of social reform. (Primarily for Collegiate Students.) Two hours. Saturdays, 9.15-11.15. Dr. Binder.

II. PRINCIPLES OF SOCIOLOGY. The province of sociology; the elements, structure, forces and control of society; the laws and causes of progress. 2 hours. Saturday, 11.15-1.15. Dr. Binder.

[III. CONTEMPORARY SOCIOLOGISTS. (a) Forerunners of sociology. The endeavor toward social amelioration of the sentimental, ethical and revolutionary reformers, such as Saint Simon, Carlyle, Marx. (b) Scientific Sociologists, the scientific systems of prominent writers, Comte, Spencer, Schäffle, Gumpłowicz, Ward, Small, Tarde, Giddings. Two hours.] (Omitted in 1908-09.) Dr. Binder.

[IV. HISTORY AND PHILOSOPHY OF CIVILIZATION. The natural conditions of civilization, *e.g.*, climate, soil, etc. Material civilization—exploitation of the forces of nature by man. Spiritual civilization—conditions of mental and moral progress of mankind. Interaction and inter-dependence of the various factors from prehistoric man to the present. Laws and tendencies shown in the historical development of social organization.] (Omitted in 1908-09.) Dr. Binder.

V. ANTHROPOLOGY AND ETHNOLOGY. Description of human races; their distribution over the globe; early human remains; types of languages and cultures. Primitive man, mental and physical. Mythology, morality, religion, and art; castes and their functions; laws and customs; their origin and development. 2 hours. Friday, 3.45-5.45. Dr. Binder.

VI. SEMINAR. Intensive study of Karl Marx and of Socialism from the historical and sociological point of view. Half course. Alternate Fridays. 2 hours, 8-10 P.M. Dr. Binder.

DEPARTMENT OF HISTORY AND POLITICS

Consultation hours: Professor Brown, Saturdays, 10-12, Sept. 26 and October 3, Graduate Room, No. 1, tenth floor, University Building, Washington Square; Professor Gordy, 2-4 daily, until Nov. 1, upon the ninth floor of the University Building, Washington Square; Professor MacCracken, daily in office of University Syndic, tenth floor, Washington Square.

[I. CRITICAL STUDY OF THE FRENCH REVOLUTION AND NAPOLEONIC ERA. The aim of this course is to present the essential and sufficient causes and to trace the development of the great human drama that was enacted during this period. The often conflicting historical evidence is sifted and men and measures are weighed in the light of the latest researches. Special and limited subjects are assigned to members of the class as topics for more exhaustive study, the results of which are embodied in brief oral or in written reports. Two hours.] Not given in 1908-1909. Professor Brown.

II. COMPARATIVE STUDY OF FEDERAL GOVERNMENT. Prefaced by a discussion of the nature of Federal Government and a brief history of the growth of Federal Government down to the present time, this

course consists of a comparative treatment of the governments of the chief existing federations; Germany, United States, Canada, Switzerland and Australia. For purposes of comparison a short account is given of the government of several of the great continental powers. Methods as in Course I. Two hours. Friday, 3.45-5.45.

Professor Brown.

III. HISTORY OF THE ORIGIN AND DEVELOPMENT OF THE CONSTITUTION OF THE UNITED STATES. The aim of this course is to explain the origin and the development of the constitution and institutions of the United States and to study the history of the events and movements that have given to the American body politic its present form. The more important features of the American government and constitution are traced from European or Colonial origins through their successive stages of development down to the present time. Lectures will be supplemented by parallel reading and by research on special topics. Two hours. Saturday, 9.15-11.15.

Professor Brown.

[IV. THE POLITICAL HISTORY OF THE UNITED STATES FROM 1783 TO 1809. Two hours per week.]

Professor Gordy.

[V. THE POLITICAL HISTORY OF THE UNITED STATES FROM 1809 TO 1829. Two hours per week.]

Professor Gordy.

VI. MUNICIPAL GOVERNMENT. A study of the special political, economic and social problems created by the growth of modern cities. Two hours. Saturday, 9.15-11.15. Professor J. H. MacCracken.

***VII. THE POLITICAL HISTORY OF THE UNITED STATES FROM 1829 TO 1856.** Two hours per week. Saturday, 9.15-11.15. Professor Gordy.

[VIII. THE REVOLUTIONARY PERIOD IN AMERICAN HISTORY. A study of the causes and course of the American Revolution and of its completion by the formation of a permanent government for the United States. The course will deal with the history of the destruction of the political and governmental relations with Great Britain, with the conduct of the Revolution, with the government of State and Nation during its progress and with the adoption of the present constitution. Military events will be subordinated to political and constitutional. Lectures will be supplemented by parallel readings and by research on special topics. Two hours.] Not given in 1908-09. Professor Brown.

***IX. THE POLITICAL HISTORY OF THE UNITED STATES FROM 1856 TO 1884.** Two hours. Wednesday, 7-9.

Professor Gordy.

Group III.—Exact and Descriptive Sciences

DEPARTMENT OF MATHEMATICS

Consultation hours : At Washington Square : Friday, Oct. 2, 4-6.
Saturday, Sept. 26, Oct. 3, 9.15-12.15.

*I. CALCULUS. A thorough review of the elementary calculus. Two hours. Saturday, 11.15-1.15. Professor Edmondson.

II. ADVANCED DIFFERENTIAL CALCULUS. Professor Edmondson.

III. ADVANCED INTEGRAL CALCULUS AND DIFFERENTIAL EQUATIONS. Courses II. and III. are offered in alternate years. Course II. is offered in 1908-09. Two hours. Friday, 4-6. Professor Edmondson.

IV. HIGHER PLANE CURVES. Two hours. Professor Edmondson.

V. SOLID ANALYTIC GEOMETRY. Two hours. Professor Edmondson.

VI. THEORY OF FUNCTIONS. Two hours. Professor Edmondson.

Courses IV, V, VI, will be given if elected by three or more students.

N. B. Course I is not accepted for credit in a major series.

DEPARTMENT OF PHYSICS

Consultation hours : Professor Hering, daily during October, at University Heights ; Ass't Professor Arnold, Saturdays, 10-1, during October, at Washington Square.

I. MAGNETISM AND ELECTRICITY. Two hours. Professor Hering.
Ass't Professor Arnold.

II. MECHANICS, THEORETICAL AND APPLIED. Full course.
Professor Hering.

III. MAGNETISM AND ELECTRICITY. (Higher Course.) Open only to those who have taken Courses I. and VI., or their equivalents. Full course.

IV. MECHANICS. (Higher Course.)

In Course IV. no single textbook is adhered to, references being made to various standard works. The course is an extension of II., with reference to the Theory of Potential, and to Dynamics of Rigid Bodies. It also takes up the historical development of the Science of Mechanics. It is open to those who have taken Course II., or an equivalent course in Mechanics, or have completed the undergraduate course in Civil Engineering, and will be given if there are as many as five applicants for it. Full course. Professor Hering.

***VIIa. GENERAL PHYSICS.** For graduates in science, and especially for teachers of physics who desire a more advanced knowledge of the entire subject. Treats chiefly of Mechanics, Properties of Matter and Heat, with some attention to Sound, Light and Electricity. Full course. Professor Hering.

***VIIb. GENERAL PHYSICS.** Treats chiefly of Magnetism and Electricity, Sound and Light, with some attention to the Properties of Matter and Heat. Full course. Professor Hering.

X. SOUND AND LIGHT. Full course. Professor Hering.

The usual hour for meeting of classes during the week is 4 P.M., the laboratory work being performed, in large part, on Saturdays.

All the above courses except VIII. require a knowledge of the Calculus, and each course requires fifty hours or more of work in the physical laboratory, besides written exercises and attendance upon lectures.

DEPARTMENT OF CHEMISTRY

Consultation hours: Associate Professor Lamb, Associate Professor Hill and Mr. Simmons, each daily at University Heights.

The courses enumerated below are given at the Havemeyer Laboratory, University Heights, Borough of the Bronx. The laboratory is open daily from 9 A. M. to 6 P. M. The student will in general be able to suit his own convenience in selecting his hours of laboratory attendance. The lectures will as a rule be given between 4 and 6 P. M. This enables teachers and others similarly employed in the neighborhood of New York City to attend these courses.

College graduates with an elementary knowledge of general inorganic chemistry are admitted to VIIa. This will prepare for VIIb and this in turn for the more advanced courses. It is therefore possible for one who can take only a single course each year ultimately to acquire a broad knowledge of chemistry.

IV. ORGANIC CHEMISTRY. Lectures, two hours weekly. Open to students who have completed VIIa or its equivalent.

Associate Professor Hill.

V. PHYSICAL CHEMISTRY. Lectures, one to two hours a week throughout the year. In addition laboratory work will be given requiring at least 125 hours for its completion. Open to those who have completed VIIb or its equivalent.

Associate Professor Lamb.

VI. HISTORY OF CHEMISTRY. Lectures on the development of chemical thought, with essays by the students. Two hours, February to June. Half course.

Associate Professor Lamb.

***VII (a). QUALITATIVE ANALYSIS.** 250 laboratory hours. The course is planned to make the student thoroughly familiar with the ordinary scheme of Qualitative Analysis, and to afford some knowledge of the tests for the rarer elements, with practice in spectroscopic analysis and dry analysis. Associate Professor Hill and Mr. Simmons.

***VII (b). QUANTITATIVE ANALYSIS.** Open to students who have completed VII. (a) or its equivalent. 250 laboratory hours. Associate Professor Lamb and Mr. Simmons.

IX. ORGANIC SYNTHESIS. 250 laboratory hours, devoted to the preparation of a number of typical organic compounds and the study of important organic reactions. Open to students who have completed VIIa and VIIb or their equivalents and have taken or are taking Course IV. Associate Professor Hill.

XI. THEORY OF ANALYTICAL CHEMISTRY. Half Course. Lectures, two hours weekly, October to February. A development of the theories relating to analytical chemistry, with particular reference to the theory of solution and the law of mass action. Associate Professor Hill.

XII. ELECTROCHEMISTRY. Lectures and laboratory work. One lecture a week throughout the year and 125 hours of laboratory work. Open to those who have completed V or its equivalent. Associate Professor Lamb.

XIV. ORGANIC ANALYSIS. Half course. 125 laboratory hours. The course will include the usual methods of ultimate analysis and the determination of the principal organic groups. Requirements for admission as in Course IX. Associate Professor Hill.

DEPARTMENT OF GEOLOGY

Consultation hours : Professor Stevenson, daily at University Heights.

***I. ECONOMIC GEOLOGY.** This course includes discussion of non-metallic substances used in the industries; the nature and origin of soils; the source of water-supply ; building stones ; fuels and ore deposits ; their mode of occurrence ; their geological origin and relations ; how to determine the value of deposits ; how the materials are won ; incidental references to metallurgic processes. Full course. First term, Tuesday and Friday, 10.30 ; Second term, Tuesday, Wednesday and Thursday, 11.30. Professor Stevenson.

II. ADVANCED GENERAL GEOLOGY. Lyell's *Principles of Geology* is the general book of reference, but special reading will be required along indicated lines. Full course. First term, Wednesday, 1.15 ; Second term, Friday, 1.15. Professor Stevenson.

III. INVERTEBRATE PALEONTOLOGY. Lectures and laboratory exercises throughout the year. Full course. Hours would have to be arranged. Professor Stevenson.

DEPARTMENT OF PHYSIOLOGY AND BIOLOGY

Consultation hours: Professor Lusk, daily at the Medical College Laboratories; Professor Bristol, daily during October at University Heights.

***I. PHYSIOLOGY.** Lecture Course. First term, six hours weekly; Second term, three hours, weekly, in the morning. Professor Lusk.

II. PRACTICAL PHYSIOLOGY. (Laboratory Course in Experimental Physiology.) Two hours. Friday, 3.30-5.30. Professor Lusk.

III. RESEARCH WORK IN PHYSIOLOGY. (Laboratory Course.) Open all day. Professor Lusk.

IV. COMPARATIVE ANATOMY. (Laboratory Course.) Professor Bristol.

V. RESEARCH IN ZOOLOGY. (Laboratory Course.) Professor Bristol.

VI

SCHOOL OF PEDAGOGY

ANNOUNCEMENTS FOR 1908-1909

THE SCHOOL OF PEDAGOGY

Faculty, 1908-1909

HENRY M. MACCRACKEN, D.D., LL.D.,

Chancellor of the University.

THOMAS M. BALLIET, PH.D.,

Dean ; Professor of the Science of Education.

J. P. GORDY, PH.D., LL.D.,

Professor of the History of Education.

ROBERT MACDOUGALL, PH.D.,

Professor of Descriptive Psychology.

JAMES E. LOUGH, PH.D.,

Secretary ; Professor of Experimental Psychology.

CHARLES GRAY SHAW, PH.D.,

Lecturer on Ethics.

JOSEPH S. TAYLOR, PH.D.,

Lecturer on School Administration.

LUTHER HALSEY GULICK, M.D.,

Lecturer on Physical Education and School Hygiene.

MRS. ANNIE L. JESSUP,

Lecturer on Domestic and Industrial Art.

PERCIVAL CHUBB,

Lecturer on Methods of Teaching English.

JAMES P. HANEY, B.S., M.D.,

Lecturer on Methods of Teaching and Supervision of the Manual Arts.

ARTHUR SCHULTZE, PH.D.,

Lecturer on Methods of Teaching Mathematics in Secondary Schools.

THOMAS TAPPER,

Lecturer on Art as Related to Education.

JAMES SULLIVAN, PH.D.,

Lecturer on Methods in History.

ALBERT A. SNOWDEN, PH.D.,

Lecturer on Foreign School Systems and Industrial Education.

PAUL R. RADOSAVLJEVICH, PH.D., PH.D.,

Fellow and Assistant in Education.

ALBERT W. GARRITT,

HENRY H. GODDARD, PH.D.,

MARY SUTTON MACY, M.D.,

} *Lecturers on Education of Defectives.*

FRANK A. FALL, M.A.,

Bursar of the University.

GEORGE CLARE SPRAGUE, PH.D.,

Registrar of the University.

FRANCES M. WOODWARD,

Librarian of the School of Pedagogy.

GENERAL STATEMENT

The School of Pedagogy as a professional school of equal rank with the other professional schools of the University was established by vote of the University Council on March 3, 1890. Previous to that date lecture courses on Pedagogy had been given for four successive years, and the School is in part the outgrowth of these courses. It was the first professional school of university grade for the study of education, in distinction from Lectureships and Professorships of education, established in this country. Of the 3,500 students enrolled in New York University, exclusive of the Summer School, during the current year, over 800 are teachers, of whom over 500 are enrolled in the School of Pedagogy. In 1903 the School was placed on a graduate basis and only graduates of approved colleges are matriculated as candidates for its degrees. Other students are admitted as explained below.

Aim

The aim of the School is to furnish the best possible facilities for the advanced study of the science of education and the art of teaching. It seeks especially to meet the needs of students of superior academic training and of teachers of experience who are prepared to study educational problems in their more scientific aspects and their broader relations. To this end courses of lectures are given on descriptive, experimental and educational psychology; on the history of philosophy and on the history of education; on logic, ethics and sociology in their bearing on education; on the physiological and medical aspects of educational problems; on the philosophy of education, school administration; and on the general principles of method and their detailed application to the art of teaching. These various courses, numbering thirty-nine in all, find their unity in their common bearing on educational problems and constitute a well-organized curriculum for the higher professional training of teachers ambitious to fit themselves for responsible positions in their profession. The School offers exceptional facilities for advanced study to students who wish to prepare themselves for the position of superintendent, supervisor or principal in public schools, teacher of psychology and method in normal schools, or that of professor of pedagogy in colleges.

The School is closely affiliated with the Graduate School and the School of Commerce of the University, and students who wish to

specialize in Secondary School work may take advanced courses in their specialty in these Schools with their pedagogical studies in the School of Pedagogy.

In the case of students who have had full collegiate training before entering the School, the University confers the degrees of Master of Pedagogy and of Doctor of Pedagogy upon the satisfactory completion of the required work. Students matriculated in the Graduate School are permitted to take as a major subject for the degree of Doctor of Philosophy education in the School of Pedagogy.

Location and Facilities for Instruction

The School of Pedagogy now occupies the ninth floor of the University Building on the corner of Washington Square (East) and Waverly Place. The entrance to the elevators is on Waverly Place. The building is easily reached by various car lines of the city. The surface line from the Christopher Street Ferry to Brooklyn passes at University Place within one square of the building; the Broadway line at Waverly Place, the Bleecker Street and Eighth Street stations on the Sixth Avenue Elevated, the Ninth Street station on the Third Avenue Elevated, and the Astor Place station of the Subway, are all within a few minutes' walk of the School.

Twenty-one rooms are provided for the offices, the library and reading-room, lecture and assembly rooms, the psychological laboratories, etc. By means of a generous gift made for the purpose by a friend of the University, a room, overlooking Washington Square, has been beautifully decorated and furnished, and is set apart as a social room for the use of the students.

The greatest care has been taken in securing the best light and ventilation for the rooms occupied by the School. The outlook from the windows commands a view of a large part of the metropolis, the Hudson, and the neighboring cities of New Jersey.

Libraries

The School of Pedagogy has a large and well-equipped library, to which the latest pedagogical works are constantly being added.

The Astor Library (283,000 volumes), on Lafayette Place, is within a five minutes' walk of the University Building. The Library of the Academy of Medicine, 17 West Forty-third Street, contains among its large collection many valuable books necessary in pedagogical study and research, not to be found in any other library of the city. These great libraries are open free to students of the School.

Conditions of Admission and Matriculation

In June, 1903, by vote of the Faculty, graduation from a recognized college of Arts and Science, or its equivalent, was made a condition of matriculation for either the degree of Master of Pedagogy or that of Doctor of Pedagogy. Students not candidates for either degree are admitted on a lower standard. More specifically stated, these requirements are as follows :

(a) Graduates of recognized Colleges of Arts and Science may matriculate as candidates for degrees, without examination, on presentation of their college diploma.

(b) All teachers of experience and all graduates of state or city normal schools are admitted, without examination, but are not matriculated as candidates for a degree. Such students, if their attendance is regular and they pass successfully the required examinations, receive a certificate for the courses completed. Upon presentation of these certificates the Board of Education of New York City will give credit for the courses named in them under certain conditions specified by the Board.

(c) Students,* whether college graduates or not, who do not wish to attend regularly or receive credit for their work, are admitted as special students and are not required to pass examinations.

Students who wish to be candidates for degrees, or who desire credit for the courses which they take, must enroll not later than October 24 for the work of the first term. Students not desiring credit for their courses may enter at any time.

Persons whose academic training does not extend beyond that of the public high school or academy, and who have had neither professional training nor experience in teaching, are not admitted.

(d) Graduates of approved State Normal Schools (of equal rank with those of Class 1 of the Board of Regents), and persons who have completed the work of the Freshman and Sophomore years in a recognized college, may enter the Washington Square Collegiate Division,† complete the last two years of the college course, receive their degree, and then matriculate in the School of Pedagogy and become candidates for its degrees.

* Some of the most advanced students of the School of Pedagogy belong to this class. They hold prominent positions as principals or superintendents and attend lectures irregularly or when their professional duties permit.

† A special circular describing the courses in the Collegiate Division may be obtained by addressing the Secretary, Professor James E. Lough, New York University, Washington Square, New York.

Directions for Registration

Applicants for admission to the School are requested to make formal application and submit their credentials to the Secretary of the Faculty, if possible, before the formal opening of the School, which will be on Saturday, September 26, at 10.30 A.M.

Enrollment cards may be secured either at the Secretary's or at the Bursar's office. They must be filled out in duplicate, filed with the Bursar and the enrollment fee paid before the student enters a class. In case an application for matriculation is rejected or the election of courses disapproved by the Dean, the enrollment fee will be refunded. Any change in the courses elected must have the approval of the Dean and can be made only upon a written request.

The offices of the School will be open for the reception of applications and credentials on and after September 19, from 10 A.M. to 5 P.M.

Members of the Faculty will be at the School daily on and after September 23 for consultation in regard to the election of courses.

The Fall term begins September 26. Saturday, October 24, is the last day for registration for students who wish to receive credit for first term courses. Special students not desiring credit are admitted at any time. There will be an examination in all classes in January, and students will be required to attend at least eighty per cent. of class exercises or lectures of the entire course in order to receive credit for the course. It will therefore be greatly to their advantage to register early.

Requirements for the Master's Degree

Fourteen hours of class-room work per week for the University year is the minimum requirement for the degree of Master of Pedagogy (Pd.M.). These hours must include Courses 1, 3, 5, 7 and 12, together with five additional hours to be elected with the approval of the Dean.

In addition to the successful completion of these courses, the student must present a certificate showing two years' successful experience in teaching.

Candidates for this degree must file written application not later than May 1, preceding the commencement at which the conferring of the degree is sought.

Requirements for the Doctor's Degree

In addition to the Master's Degree eleven hours of class-room work per week for the University year is required for the degree of Doctor of Pedagogy (Pd.D.). These hours must include Courses 6, 13, 30, 31, 32, and two hours of Method, together with three hours to be elected with the approval of the Dean.

In addition to the successful completion of these courses, the student must present a certificate showing three years' successful experience in teaching.

Candidates for this degree are also required to attend such seminars as the Faculty may appoint.

These degrees held by college graduates are recognized by the New York Board of Education as equivalent to the corresponding degrees of Master of Arts and Doctor of Philosophy held by college graduates.

Thesis for the Doctorate

For the degree of Doctor of Pedagogy, a Thesis, to be known as the "Thesis for the Doctorate in Pedagogy," shall be delivered to the Secretary of the Faculty *not later than April 1* preceding the Commencement at which the conferring of the degree is sought. The subject for this Thesis must be presented to the Faculty for its approval before the third Saturday of October of the same academic year. This Thesis must show original treatment, or give evidence of independent research. The Thesis must include an analytical table of contents and a bibliography of the subject, and must be arranged according to a pattern which may be seen in the library of the School.

Final Examination for Doctor's Degree

Candidates for the doctorate must successfully pass an oral examination before the Faculty of the School. Candidates shall be eligible for this examination only after the acceptance of the required thesis. The examination shall occupy not less than one hour's time and shall be concerned with the following topics: (a) the subject matter of the thesis presented by the candidate; (b) the general history of the period with which the thesis is concerned (if the latter be historical in character); (c) the history, principles and philosophy of education; (d) psychological theory.

Courses in the Graduate School and Graduate School Degrees

The School of Pedagogy is closely affiliated with the School of Commerce and with the Graduate School of the University, and students of the School of Pedagogy who wish to fit themselves for positions in secondary schools or colleges may, in connection with their pedagogical work, pursue advanced academic courses in their specialties in these Schools. A limited number of such courses may be substituted, by special permission of the Faculty of the School of Pedagogy,

for professional courses in that school. Matriculated students of the School of Pedagogy may pursue such courses in the Graduate School upon payment of the usual tuition fees of that school, without matriculating in the Graduate School. Students who wish to enroll themselves as candidates for the degrees of Master of Arts and Doctor of Philosophy, with Education as their major subject, as well as for the degree of Master and Doctor of Pedagogy, must at the time they become candidates for these degrees apply for matriculation in the Graduate School, as well as in the School of Pedagogy. Certain courses in Education (Nos. 1, 6a, 6b, 7, 22, 23, 26, 30, 31, 32) are included in the curricula of both schools, and will be accepted for credit toward the degrees of both schools.

Attendance

No student who has not attended eighty per cent. of the lectures of an entire course can receive credit for such course except by special vote of the Faculty.

Credits

The unit of credit in the case of lecture courses and seminars is thirty hours of class-room work. In case of practice courses, one hour of credit is given for three hours of work ; except in physical training, where one hour of credit is allowed for two hours of practice work, and no credit is given unless such practice work is taken in connection with the lecture course to which it relates.

Fees

An enrollment fee of \$5 is payable upon the filing of an enrollment card for the first time in the School of Pedagogy. This fee is paid but once during the student's connection with the school.

The regular fee for instruction in each course of two hours a week is \$15 for the year, and in each course of one hour a week \$10 for the year, payable before the first day of December. A special fee of \$25 for the year is charged for the course in Applied Design, and a special fee of \$15 for the seminar course in supervision of the Manual Arts. The number of students in the latter course is limited to 30.

A special fee of \$1 will be charged in case of all students who register for the work of the first term after October 24.

The graduation and diploma fee for each degree is \$10.

No student is permitted to take the final examination whose fees have not all been paid. All fees are to be paid to the Bursar of the University, and no registration is complete until the payment of the required fee is made.

Living Expenses

Students can obtain good board, including room, for \$7 and upward per week, conveniently near the University Building. Inquiries with reference to board may be sent to the Secretary.

Fellowships and Scholarships

THE LOUISE HENRIETTE LECLERE SCHOLARSHIP of \$2,500, founded December 20, 1890, through the efforts of the Woman's Advisory Committee, by pupils of the teacher whose name it bears.

THE JAY GOULD FELLOWSHIP of \$5,000, founded in 1894 by Miss Helen Miller Gould, and increased from \$2,000 to \$5,000 in 1895.

THE JAMES BUELL SCHOLARSHIP of \$2,000, founded in 1895 by Mrs. Martha Buell Munn.

THE HITCHCOCK SCHOLARSHIP of \$2,000, founded in 1895 by Mrs. Welcome G. Hitchcock.

THE EDWARD R. SHAW SCHOLARSHIP of \$2,000, founded by the students and alumni of the School of Pedagogy and members of the Women's Advisory Committee, in memory of Dr. Shaw, late Dean of the School, for the benefit of teachers of the metropolitan district.

P. S. 104 SCHOLARSHIP of \$1,000, given by Miss Rose N. Yager. The scholarship provides tuition for one student each year, appointed by the Secretary with the approval of the Principal of Public School No. 104, New York City. Only teachers of the above-named school are eligible.

THE HELEN DAY GOULD FELLOWSHIPS, two of \$5,000 each, in memory of the late Mrs. Helen Day Miller Gould, wife of the late Mr. Jay Gould, founded in 1895 by her daughter, Miss Helen Miller Gould.

THE WESTERN FELLOWSHIP of \$5,000, and **THE SOUTHWESTERN FELLOWSHIP** of \$5,000, founded in 1895, in memory of the late Mr. Jay Gould, by his daughter, Miss Helen Miller Gould.

The Western Fellowship is open to teachers along the line of the Missouri Pacific and Iron Mountain railways; the Southwestern Fellowship to teachers along the line of the Texas and Pacific, St. Louis Southwestern, and the International and Great Northern railways.

THE NORTHROP FELLOWSHIP of \$4,000, founded in 1895 by Miss Ida Northrop.

FIVE TEMPORARY SCHOLARSHIPS, yielding to the student the entire cost of tuition for one year.

Each of the \$5,000 fellowships is intended to yield to the holder \$225 a year; the \$4,000 fellowship, \$180 a year. Each of the other

scholarships yields to the holder of the same the cost of tuition for one year.

Candidates for Endowed Fellowships and Scholarships, except the Shaw Scholarship and the Public School No. 104 Scholarship, will note the following conditions :

The applicant must state his age, and submit his scholastic and professional record in full, showing what branches of study he has pursued and with what success, what degrees he has won, what positions he has filled and with what success, together with testimonials of character and of ability to profit by advanced university study of pedagogy.

The applicant must be of sound health and free from any physical infirmity.

The applicant must state whether it is his intention to pursue studies at the University School of Pedagogy for one or for two years. Applicants entering for the entire course of resident study for two years will receive preference over applicants who wish to enter for one year.

The holder of an endowed scholarship is not permitted to take other courses than those prescribed in the School of Pedagogy, or to engage in any remunerative work except by written permission of the Dean.

Holders of scholarships must reside in New York City or vicinity during the academic year. They must maintain a high standard of scholarship. They may each be called upon by the Faculty to spend not over one hour daily, outside of their class hours, in assisting the Librarian or a professor.

The violation of any of these conditions immediately vacates the scholarship.

One-third of the annual value of the scholarship is paid on the 15th day of December, one-third on the 15th day of March, and the remaining third on the 5th day of June.

Holders of scholarships or fellowships are not exempt from the payment of an enrollment fee of \$5.

Candidates should send their applications, accompanied by letters of recommendation and other evidences of their ability to pursue successfully the courses of instruction chosen, to the Dean of the School not later than September 1. The assignment is usually made much earlier.

The Pi Alpha Society

This is a students' society and has for its object to cultivate a broader social life and a closer unity among students and graduates. The active membership consists of the students and the graduates of the School of Pedagogy ; students of the Graduate School and of the Washington Square Collegiate Division may become associate members.

OUTLINE OF INSTRUCTION

Embracing Psychology, Philosophy, History of Education, Science of Education, Art of Teaching, Physical Education, Manual Arts, and Domestic Art.

*Descriptive Psychology. 60 hours. Professor MacDougall. Page 16.

Laboratory Psychology. 60 hours. Professor Lough. Page 16.

*Educational Psychology. 60 hours. Professor Lough. Page 16.

Outlines of Psychology. 60 hours. Professor Lough. Page 17.

Genetic Psychology. 30 hours. Professor MacDougall. Page 17.

History of Ancient and Mediæval Philosophy. 60 hours. Professor Shaw. Page 17.

†History of Modern Philosophy. 30 hours. Professor MacDougall. Page 18.

Introduction to Philosophy. 60 hours. Professor MacDougall. Page 18.

Logic. 30 hours. Professor Lough. Page 18.

Ethics. 60 hours. Professor Shaw. Page 18.

Sociology. 30 hours. Professor MacDougall. Page 19.

*History of Education. 60 hours. Professor Gordy. Page 19.

†History of Education (Advanced Course). 30 hours. Professor Gordy. Page 20.

†Educational Classics. Greek and Roman. (To be given 1909-1910.) 30 hours. Professor Gordy. Page 20.

†Educational Classics. Modern. 30 hours. Professor Gordy. Page 20.
Relation between the History of Philosophy and the History of Education. 30 hours. Professor Gordy. Page 21.

*Principles of Education. 60 hours. Dean Balliet. Page 21.

†Philosophy of Education. 30 hours. Professor Gordy. Page 21.

†Research in Educational Problems. 60 hours. Professor Lough. Page 22.

School Administration and Supervision. 30 hours. Dr. Taylor. Page 22.

General Method. 30 hours. Dean Balliet. Page 23.

Methods (Advanced Course). 30 hours. Dean Balliet. Page 23.

Introduction to Primary Method. 30 hours. Professor MacDougall. Page 24.

*Required for the Master's Degree. †Required for the Doctor's Degree.

- Special Method in English. 30 hours. Mr. Chubb. Page 24.
- Special Method in Geography. 30 hours. Dean Balliet. Page 25.
- Special Method in History. 30 hours. Dr. Sullivan. Page 26.
- Special Method in Arithmetic and Reading. 30 hours. Dean Balliet. Page 27.
- Methods of Teaching Algebra and Trigonometry in Secondary Schools. (To be given 1909-10.) 30 hours. Professor Schultze. Page 27.
- Methods of Teaching Geometry in Secondary Schools. 30 hours. Professor Schultze. Page 27.
- *The Physical Nature of the Child. 30 hours. Professor MacDougall. Page 28.
- Education of Backward Children. 30 hours. Page 28.
- Principles of Physical Education. 30 hours. Dr. Gulick. Page 29.
- School and Personal Hygiene. 30 hours. Dr. Gulick. Page 29.
- Anatomy in Relation to Physical Education. (To be given 1909-1910.) 30 hours. Dr. Gulick. Page 30.
- Play in Relation to Education. (To be given 1909-10.) 30 hours. Dr. Gulick. Page 31.
- Nature and Methods of Examinations—Physical and Mental. (To be given 1909-10.) 30 hours. Dr. Gulick. Page 31.
- Art as Related to Education. 30 hours. Mr. Tapper. Page 31.
- Methods of Teaching the Manual Arts. 30 hours. Dr. Haney. Page 32.
- Applied Design. (To be given 1909-10.) 60 hours. Dr. Haney. Page 33.
- Supervision of the Manual Arts. (To be given 1909-10.) 30 hours. Dr. Haney. Page 33.
- Domestic Art. 45 hours. Miss Logue. Page 34.
- Domestic Art (Advanced Course.) 45 hours. Miss Logue. Page 34.
- Domestic Art. Dressmaking. 90 hours. Mrs. Reynolds. Page 34.
- Domestic Art. Methods. 30 hours. Mrs. Jessup. Page 34.

* Required for the Master's Degree.

Schedule of Lectures, 1908-1909

HOURS	3:45—4:45	4:45—5:45
Monday.....	*3. Descriptive Psychology. Foreign School Systems.	*3. Descriptive Psychology. 41. Methods of Teaching the Manual Arts. Industrial Education.
Tuesday.....	33. The Relation between the History of Philosophy and the History of Education. Logic.	†13. History of Modern Philosophy. ‡30. Philosophy of Education.
Wednesday.....	15. Special Method in Geography. 23. Methods in English. 24. Principles of Physical Education. 70.	26. Special Method in Arithmetic and Reading. ‡32. Research in Educational Problems. 71. School and Personal Hygiene.
Thursday.....	16. Sociology. 34. Education of Backward Children.	17. Genetic Psychology. 22. General Method. 25. Special Method in History.
Friday.....	†6b. Educational Classics. 11. Laboratory Psychology. 36. Methods (Advanced Course).	8. School Administration. 11. Laboratory Psychology. 36. Methods (Advanced Course). ‡31. History of Education (Advanced Course).
HOURS	9:15—10:15	10:15—11:15
Saturday.....	G24. History of Ancient Philosophy. 47. Principles of Education. 27. Introduction to Primary Method. 29. Methods in Geometry. 40. Art in Relation to Education. 61-63. Domestic Art.	4. History of Ancient Philosophy. *7. Principles of Education. *5. Physical Nature of the Child. 61-63. Domestic Art.
HOURS	11:15—12:15	12:15—1:15
	*1. History of Education. 10. Ethics. *12. Educational Psychology. 62-63. Domestic Art.	*1. History of Education. 10. Ethics. *12. Educational Psychology. 22. General Method. 64. Domestic Art.
HOURS	2:15—3:15	3:15—4:15
	D2. Outlines of Psychology. D3. Introduction to Philosophy.	D2. Outlines of Psychology. D3. Introduction to Philosophy.

* Required for the Master's Degree. † Required for the Doctor's Degree.

VII

WOMAN'S LAW CLASS

ANNOUNCEMENTS FOR 1908-1909

The Woman's Legal Education Society

OFFICERS

MISS ISABELLA M. PETTUS, LL.M., VICE-PRESIDENT AND SECRETARY.
MRS. CLARENCE D. ASHLEY, TREASURER.

BOARD OF DIRECTORS

Mrs. John P. Munn, L.H.M.	Mrs. Clarence D. Ashley
Miss Isabella Mary Pettus, LL.M.	Mrs. Henry W. Bookstaver
Mrs. Dave Hennen Morris	Mrs. Robert George Boville
Mrs. Esther Herrman	Mrs. Wm. M. Isaacs
Mrs. Frederick E. Stockwell, M.A.	

The Society was organized in 1890 to provide lectures for women on law. For fifteen years it has maintained a lectureship under the auspices of New York University. In 1900 the Society gave to the University a fund of twenty-five thousand dollars to provide a permanent endowment for the chair. Permanent scholarships have also been founded amounting to ten thousand dollars.

ASSOCIATION OF ALUMNÆ

This Association was formed in 1894, to unite the alumni of the various classes for social and intellectual aims. It has endowed two alumni scholarships with the sum of \$950.

OFFICERS FOR 1908

President, Miss Isabella Mary Pettus, 415 Madison Avenue, N. Y.; Vice-Presidents, Miss Jessie Ashley, Mrs. Theodore L. Bailey, Mrs. F. H. Cothren, and Miss Georgiana Bell; Secretary, Miss Edith Parker Thomson, 337 Washington Avenue, Brooklyn, N. Y.; Treasurer, Mrs. Isaac Franklin Russell, 482 Greene Avenue, Brooklyn.

NEW YORK UNIVERSITY

THE WOMAN'S LAW CLASS

LECTURESHIP ENDOWED BY
THE WOMAN'S LEGAL EDUCATION SOCIETY

Officers of Instruction

CLARENCE D. ASHLEY, J.D., LL.D.,
Senior Lecturer, Dean of the University Faculty of Law.

LECTURERS IN CHARGE OF EVENING CLASS :

MISS ISABELLA MARY PETTUS, LL.M.,
Counsellor at Law.

MRS. EUGENIE M. RAYÉ-SMITH, LL.M.,
Counsellor at Law.

MISS JESSIE ASHLEY, LL.M.,
Counsellor at Law.

General Statement

These courses have been framed to meet the wants of women who desire familiarity with law, either for practical purposes in business and in the administration of trust estates, or for its value in general culture and as a higher study for mental development. They also furnish preparation for entrance upon the professional study of law, with a view to active practice at the bar.

There are three lectures weekly—Monday, Wednesday and Friday. There are two classes—a morning class, meeting at eleven thirty o'clock, and an evening class, meeting at eight o'clock. Students are free to elect to attend either of these classes, and may occasionally attend either or both, as may suit their convenience. Dr. Ashley will meet the morning class. Miss Pettus will deliver Course I. to the evening class, Miss Ashley will deliver Course II., and Mrs. Rayé-Smith will deliver Course III. to the same class.

Admission

No examination is required for admission to the class.

Examinations and Certificate

No student need take the final examination, but the Chancellor's certificate will be awarded only to those who pass a satisfactory final examination. This certificate will be publicly conferred at the closing exercises to be held on Thursday evening, March 25, 1909.

Courses offered for 1908-1909

Morning Courses, I-III.

Dean Ashley.

These courses begin on Monday, November 2, and continue until March 12, 1909, on Mondays, Wednesdays and Fridays, 11:30 to 12:30.

Evening Courses:

These courses are given Mondays, Wednesdays and Fridays, 8 to 9 P.M.

Course I.

Miss Pettus.

Monday, November 2.—Friday, December 18.

Course II.

Miss Ashley.

Monday, December 21.—Monday, February 8.

Course III.

Mrs. Ray6-Smith.

Wednesday, February 10.—Tuesday, March 12.

Prizes and Scholarships

ESSAY PRIZE

A fund of one thousand dollars has been given to the University, which has been called "The New Century Prize Essay Fund," to provide for the annual award of a prize for the best essay by a member of the graduating class, on a theme to be selected and a judgment to be rendered by the Chancellor of the University, one member of the Law Faculty, to be appointed by the Dean of the Law School, and one of the Lecturers to the Woman's Law Class. A prize of \$50 will be awarded at the closing exercises to the member of the graduating class of 1909 who writes the best essay on the subject:

"To what extent do modern social conditions justify a distinction between real property and personal property in the laws of inheritance."

The awards hitherto have been as follows:

Helen Katherine Hoy, A.B., 1901; Adella Emma Potter, 1902; Alice

V. Morris, 1903; Alice Dillingham, A.B., 1903; Daisy H. Nichols, 1904; Elizabeth B. Smith, 1905; Mary A. Boyle, 1906; Katherine K. Grant, 1907; Meta Seifert, 1908.

UNIVERSITY PRIZE SCHOLARSHIPS

A prize scholarship, valued at \$250, in the form of two years' free tuition in the University Law School, will be awarded to the student of the morning or evening class who passes the best examination for the Chancellor's certificate. Scholarships have been awarded as follows:

MORNING CLASS

Mary Marcella Lilly, 1893; Eugénie Marie Rayé, 1894; Isabella Mary Pettus, 1895; Fanny Worstell Marshall, 1896; Isabella Torrens Alexander, M.A., 1897; Katharine Moncrief Miller, 1898; Helen St. Clair, B.A., and Mrs. Michael Joseph Mulqueen, 1899; Anna Louise Brewer, 1900; Helen Katherine Hoy, A.B., 1901; Daisy Gaus, M.A., 1902; Alice Dillingham, A.B., 1903; Clara Wagner, 1904; Florence Edith Bruning, A.B., 1905; Emma H. Dill, A.B., 1906; Miss Goldie Stockman, 1907; Miss Jeanette R. Stobo, 1908.

EVENING CLASS

Miss Mabelle Lake, 1903; Miss Catherine Quin, 1904; Miss Lona Bartlett, 1905; Mary V. Mara, 1906; Miss Martha S. Coddington, 1907; Miss Anna Moscovitz, 1908.

SCHOLARSHIPS

The following twelve scholarships and twenty half scholarships have been established, which may be obtained by applicants who will attend the three courses and cannot afford to pay the fee. Applications may be addressed to Miss I. M. Pettus, 415 Madison Avenue, New York City.

Whole Scholarships

TITLE OF SCHOLARSHIP.	NAME OF FOUNDER.
The Austin Abbott	Woman's Legal Ed. Society
The 1902	" " " "
The 1903	" " " "
The Henry M. MacCracken	" " " "
The Clarence D. Ashley	" " " "
The Mrs. Russell Sage	Mrs. Russell Sage
The Mrs. John P. Munn	" " "
The Gould	Miss Helen M. Gould
The George Alexander	Mrs. Martha Buell Munn
The William A. Wheelock	" " " "
The Blanche Hammett Arnold	Alumnæ Association
The Alumnæ	" "

Half Scholarships

The James Buell Scholarships (twenty in number)

founded by Mrs. Martha Buell Munn

Fees

The fee for instruction is \$15 for the three morning courses or for the three evening courses, payable in advance. Special students desiring to take one or more of the courses without examination will be charged at the rate of \$6 per course. A graduation fee of \$5, covering the charge for diploma and the expenses of the closing exercises, in addition to the full fees for the three courses, must be paid by all who apply for the Chancellor's certificate. Checks should be drawn to the order of New York University, and addressed Washington Square, East, New York City.

Closing Exercises, 1908

The Closing Exercises were held at Mendelssohn Hall, on March 26, 1908. The address to the class was made by Judge Charles S. Whitman.

The essay prize of \$50 for the best essay on the subject, "The Organization of the Hague Court as a deterrent from War."

The Chancellor's certificate was conferred upon the following:

Arline E. Albee
Eva Alexander
Georgiana Bell
Anna M. Brown
Helen A. D'Arcy
Anna S. Firestone
Lillian G. Frawley
Rose Hayman
Helen C. Hoops

Emily Hooper
Emily Blanche D. Hubbard
Minnie Le Vey
Anna Moscovitz
Meta Seifert
Hazel B. Sutton
Jeannette R. Stobo
Emma A. Tibbetts
Marion Wilson

VIII

**SCHOOL OF COMMERCE,
ACCOUNTS AND FINANCE**

ANNOUNCEMENTS FOR 1908-1909

Faculty

- HENRY M. MACCRACKEN, D.D., LL.D.,
Chancellor of the University.
- JOSEPH FRENCH JOHNSON, A.B., D.C.S.,
Dean and Professor of Political Economy and Finance.
- CHARLES E. SPRAGUE, PH.D., C.P.A.,
Professor of Accounting.
- CLEVELAND F. BACON, A.B., LL.B.,
Professor of the Law of Commerce and Finance.
- WILLIAM H. DENNIS, B.C.S., C.P.A.,
Professor of the Principles and Practice of Accounts.
- THOMAS B. DEAN, C.P.A.,
Professor of Auditing.
- H. M. C. VEDDER, C.P.A.,
Professor of Accounting.
- LEON BRUMMER, C.P.A.,
Charles Waldo Haskins Professor of Auditing.
- W. H. LOUGH, JR., A.M.,
Secretary and Assistant Professor of Economics and Transportation.
- ORRIN R. JUDD, B.C.S., LL.B., C.P.A.,
Assistant Professor of Banking Practice.
- WALTER LINDNER, LL.B.,
Lecturer on Real Property.
- EDWARD R. HARDY, PH.B.,
Lecturer on Fire Insurance and Finance.
- MILES MENANDER DAWSON, F.I.A.,
Lecturer on Actuarial Science.
- HENRY MOIR, F.F.A., F.I.A.,
Lecturer on Actuarial Science.
- CHARLES W. JACKSON, M.A., A.A.S.,
Lecturer on Actuarial Science.
- WENDELL M. STRONG, F.R.S., PH.D., LL.B.,
Lecturer on Actuarial Science.
- CHARLES E. FORSDICK,
Lecturer on Railroad Accounting.
- COLLINS P. BLISS, M.A.,
Lecturer on Industrial Engineering.

- J. P. GORDY, PH.D., LL.D.,
Lecturer on Financial History.
- CHANNING RUDD, D.C.L.,
Lecturer on Salesmanship and Advertising.
- CHARLES A. CONANT,
Lecturer on Banking.
- ALBERT V. ATWOOD, A.B.,
Lecturer on Investments.
- J. LORING ARNOLD, PH.D.,
Lecturer on Commercial Electricity.
- LEWIS H. HANEY, PH.D.,
Lecturer on Finance.
- WALTER ALONZO BAYER, JR., B.C.S., C.P.A.,
Instructor in Accounting.
- LEE GALLOWAY, PH.D.,
Recorder and Instructor in Commerce and Industry.
- LEO GREENDLINGER, B.C.S., C.P.A.,
Instructor in Accounting.
- G. B. HOTCHKISS, M.A.,
Instructor in English.
- MAXIMO ITURRALDE,
Instructor in Commercial Spanish.
- MAX MEYER, B.C.S., C.P.A.,
Assistant in Accounting.
- PAUL HENRY HUDSON, JR., B.C.S., C.P.A.,
Assistant in Accounting.
- GEORGE FORRESTER,
Librarian.
- FRANK A. FALL, M.A.,
Bursar of the University.
- GEORGE CLARE SPRAGUE, PH.D.,
Registrar of the University.

Roll of Special Lectures, 1907-1908

Lectures on Economic Problems

- "Economic Value" by Dr. F. B. Robinson, of the College of the City of New York. Tuesday, October 15, 1907, 8 P.M.
- "Government by Intelligence" by Mr. William H. Allen, Secretary of the Bureau of Municipal Research. Tuesday, November 26, 1907, 8 P.M.
- "The Present Status of the Trust Movement" by Prof. Jeremiah W. Jenks, of Cornell University. Thursday, December 19, 1907, 8 P.M.
- "The Argument for Socialism" by Mr. Morris Hillquit, Director of the Rand School of Social Science. Tuesday, February 18, 1908, 8 P.M.
- "Industrial Education in the South" by Prof. Wallace Battle, President of the Okolona Industrial College. Tuesday, March 10, 1908, 8 P.M.
- "Internal Commerce" by Dr. John Franklin Crowell, of the *Wall Street Journal*. Tuesday, April 14, 1908, 8 P.M.

Lectures on Finance

- "Corporation Finance." Four lectures by Mr. Charles A. Conant. Thursdays, October 10, 17, 24 and 31, 1907, 8 P.M.
- "The Present Financial Situation" by Mr. W. C. Cornwell. Wednesday, November 13, 1907, 8 P.M.
- "Railroad Bonds."
- "Debenture Bonds."
By Mr. C. M. Keys, Managing Editor, *World's Work*. Thursdays, December 12, 1907, and February 20, 1908, 8 P.M.
- "American Securities in Foreign Markets" by Dr. W. B. Guthrie, of the College of the City of New York. Thursday, February 27, 1908, 8 P.M.
- "The Promoter and His Work" and "Underwriting."
By Dr. Thomas Conway, of the University of Pennsylvania. Thursdays, February 13 and March 19, 1908.
- "Municipal Finance" by Dr. Charles W. Mixter, of the University of Vermont. Thursday, April 2, 1908, 8 P.M.

- "How Foreign Exchange is Figured." Two lectures by Mr. John Gardin, Manager of the Foreign Exchange Department, National City Bank of New York. Wednesdays, April 8 and 22, 1908, 8 P.M.
- "The Work of Wall Street." By Mr. Sereno S. Pratt, Editor of the *Wall Street Journal*. Thursday, April 16, 1908, 8 P.M.

Lectures on Industrial Methods

- "Industrial Processes in American Manufacture." Three lectures by Mr. Gustav A. Tuske, President of the American Process Company. Tuesdays, February 25 and March 3 and 10, 1908, 8 P.M.
- "Automatic Machinery and Shop Methods." Two lectures by Mr. M. H. Avram, President of the Auto Process Company. Tuesdays, March 17 and 24, 1908, 8 P.M.
- "Factory Organization" by Mr. James Newton Gunn, of Gunn, Richards & Company. Tuesday, March 31, 1908, 8 P.M.
- "The Cost and Price of Steel" by Prof. H. R. Mussey, of the University of Pennsylvania. Wednesday, April 1, 1908, 8 P.M.
- "Shop Organization as a Factor in Cost of Production" by Mr. H. F. J. Porter, M.E. Wednesday, April 15, 1908, 9 P.M.
- "The Evils of Speculation" by Mr. Martin McVoy, Jr. Wednesday, April 22, 1908, 8 P.M.
- "Cotton Futures" by Mr. S. B. Hubbard, of Hubbard Bros. & Company. Wednesday, May 6, 1908, 8 P.M.

Lectures on Fire Insurance

- "Insurance" by Mr. H. E. Hess, Manager of the New York Fire Insurance Exchange. Thursday, October 20, 1907.
- "Fire Insurance" by Mr. Frank Lock, Manager, Atlas Assurance Company, Limited. Thursday, February 6, 1908.
- "Loss Adjustments" by Mr. Willis O. Robb, Secretary, Committee on Loss and Adjustments, New York Board of Fire Underwriters. Thursdays, April 16 and 30, 1908.
- "Sprinkler Protection" by Mr. E. P. Boone, Chief of Sprinkler Department, New York Fire Insurance Exchange. Thursdays, April 30 and May 7, 1908.
- "Paint and Varnish Factories" by Mr. A. G. Patton, Chief of Rating Department, New York Fire Insurance Exchange. Thursday, May 14, 1908.

Lectures on Business Administration

- "Mercantile Credit" by Prof. J. E. Hagerty, of the Ohio State University. Tuesday, October 29, 1907, 8 P.M.
- "Modern Methods of Billing Sales" by Mr. Eleazer Parmley, System Manager, Remington Typewriter Company. Thursday, November 13, 1907, 8 P.M.
- "Systems for the Purchase Department" by Mr. F. W. Adams, of the Smith Premier Typewriter Company. Wednesday, December 4, 1907, 9 P.M.
- "Valuation of Assets" by Mr. F. W. Hawley, of the Fidelity Appraising Company. Wednesday, December 18, 1907, 8 P.M.

Lectures on Practical Accounting

- "Auditing, Theory and Practice." Six lectures by Mr. Robert H. Montgomery, C.P.A. Tuesdays, February 4, 11, 18, 25, and March 3 and 10, 1908, 8 P.M.
- "Cost Accounts in the Shoemaking Industry" by Mr. John Whitmore, of the firm of Patterson, Teele and Dennis. Wednesday, February 19, 1908, 8 P.M.
- "Investigations" by Mr. Alfred A. Ritchie, of Barrow, Wade, Guthrie & Company. Friday, March 27, 1908, 8 P.M.
- "Cost Accounts." Two lectures by Mr. M. J. House, Auditor, Tottenville Copper Company. Friday, April 3 and Tuesday, April 14, 1908, 8 P.M.

Lectures on Real Estate

- "Methods of Taxation" by Mr. Lawson Purdy, President of the Board of Taxes, of the City of New York.
- "Expert Testimony in Condemnation Proceedings" by Mr. Charles Griffith Moses.
- "Architecture, The Tenement House Law and Building Code." Four lectures by Mr. Charles H. Israels, Architect.

Lectures on Advertising

- "The Science and Art of Advertising" and "Advertising Typography" by Mr. George French, Editor, *Profitable Advertising*, Boston. Saturday, February 15, 1908.
- "Personal Experiences" and "Opportunities in the Advertising Field" by Mr. Manly M. Gillam, Advertising Counsel, *The New York Herald*. Saturday, March 7, 1908.

- "Origin, History and Growth of Advertising" by Mr. John Clyde Oswald, Editor and Publisher *American Printer*. Saturday, March 14, 1908.
- "Type, Printing Technique, and Advertising Composition" by Mr. Charles S. Patteson, of the Hampton Advertising Company. Saturday, March 21, 1908.
- "The Scientific Basis of Advertising" and "Street Car Advertising" by Mr. Thomas Balmer, Advertising Director, Street Railways Advertising Company. Saturday, March 28, 1908.
- "Mechanical Details of Advertising" and "Country Newspaper Advertising" by Mr. Franklin Fishler, Managing Editor, American Press Association. Saturday, April 4, 1908.
- "The Motive Power of Advertising" and "Magazine Advertising" by Mr. Robert Frothingham, Advertising Manager, *Everybody's Magazine*. Saturday, April 11, 1908.
- "Trade, Class and Technical Publications" by Mr. Emerson P. Harris, Editor and Publisher *Selling Magazine*. Saturday, April 25, 1908.
- "Metropolitan Newspaper Advertising" by Mr. Benj. T. Butterworth, of *The Brooklyn Daily Eagle*. Saturday, May 16, 1908.
- "Marketing Products through Retailers" and "Publications for Women" by Mr. William H. Black, Advertising Manager, *Delineator*, *Designer* and *New Idea Woman's Magazine*. Tuesday, May 19, 1908.
- "Advertising in Relation to Distribution" and "Advertising Agencies" by Mr. Frank Presbrey, President, Frank Presbrey Company. Thursday, May 21, 1908.
- "Success in Advertising" by Mr. Seymour Eaton, Founder, Book-lovers' Library. Thursday, May 21, 1908.
- "Retail and Department Store Advertising" by Mr. Ralph B. Peck, Advertising Manager, Simpson-Crawford Company. Saturday, May 23, 1908.
- "Outdoor Advertising" by Mr. O. J. Gude, President, O. J. Gude Company. Saturday, May 23, 1908.

GENERAL STATEMENT

The New York University School of Commerce, Accounts and Finance was established in 1900, in response to a widespread demand for better instruction in business methods. Since then it has been among the foremost in the movement to supplement the traditional college education by a thorough training in the principles of business, and to give those entering early upon active business careers a broader intellectual vision and a firmer grasp of the underlying principles of commerce and finance. Its work is based on the belief that through a study of commercial methods and of economic forces a young man may obtain valuable mental discipline, and at the same time acquire the technical knowledge and the habits of thought that make for efficiency in business. The courses of study in the School of Commerce have two objects in view: first, to add to the knowledge of the students as to business operations; second, to train men to think clearly about business problems.

Location

The School of Commerce, Accounts and Finance, occupies the eighth and ninth floors of the University Building, Washington Square East, New York City. The entrance to the elevators is on Waverly Place. The building is easily reached from any section of Greater New York by Subway (Astor Place Station), Sixth or Third Avenue Elevated, Hudson River tunnel or surface lines, all of which are within a few minutes' walk.

The School's location in the heart of the business section of New York City and its close connections with leading commercial and financial houses enable it to secure the services of many successful men of affairs as instructors and lecturers.

Entrance Requirements for Regular Students

Persons are admitted to the first year class as regular students if they satisfy any one of the following conditions:

(1) If they hold New York State Regents' pass cards for 60 academic counts (new style) or a Regents' academic equivalent credential (see page 42); or (2) if they hold diplomas from a high school or academy of good standing; or (3) if they hold certificates showing completion of the freshman year in any college of good standing.

The B. C. S. Degree

The University will confer the degree of Bachelor of Commercial Science on regular students who meet either of the following requirements :

1. If they obtain satisfactory credit for 900 single hours of evening work, being ten hours per week for three University years of thirty weeks each, and in addition satisfy the Faculty that they have had at least two years' successful experience in business.

2. If they obtain satisfactory credit for 600 single hours of evening and 600 single hours of afternoon work, being in all twenty hours per week for two University years of thirty weeks each.

Advanced Standing

Due credit will be allowed for advanced work done in colleges or in other university schools of commerce, when such work is closely similar to courses offered in this school. Applications for advanced standing should be in writing and should be accompanied by a detailed statement from the proper authority of the nature of the work for which credit is asked. Special examinations for advanced standing may be taken on payment of a fee of five dollars for each thirty-hour course. No credit will be allowed in Business English or in modern languages, except for work done in course.

Special Students

Persons twenty-one years old or more, who cannot meet the entrance requirements for regular students, may be admitted as special students. Special students on completion of 900 hours of evening work, or 600 hours of evening and 600 hours of afternoon work, will receive a Certificate of Proficiency. Upon their passing the Regents' examinations and so obtaining 60 academic counts they may be admitted to regular standing as candidates for the degree.

Required Courses

Recipients of the Degree or of the Certificate of Proficiency must have obtained credit for :

1. At least 60 hours in accounting courses.
2. At least 120 hours in commercial law.
3. Commerce 1 and 1a and at least 60 hours additional in commerce courses.
4. Finance 3 and Finance 5, or Finance 4 and Finance 6.
5. The Faculty may also require at least 60 hours in English or may impose other requirements which seem to them justified in any particular case.

Outside the required subjects named, students are permitted to elect such courses as they desire. The right is reserved, however, to debar from any class students who, in the judgment of the instructor, are not qualified to take the work of that class.

Graduate Students

Persons who hold a B.C.S. degree from the School of Commerce, Accounts and Finance or an equivalent degree granted by a school or college of good standing for proficiency in commercial studies may be admitted at the discretion of the Faculty as candidates for the degree of Master of Commercial Science. The degree will be conferred on recommendation of the Faculty upon the completion of 180 single hours of advanced work with high credit, and after the preparation of a detailed thesis, to be approved by the Faculty, which shall deal with some subject in the field of commerce, accounts or finance and shall give evidence of original research and thought. Candidates may be required also to appear before the Faculty and submit to an oral examination.

Unclassified Students

Persons who wish to enroll for less than eight hours per week, and who can meet the requirements for either regular or special students, may be admitted at the discretion of the Faculty to certain classes. Such students will be given credit for whatever work they do if they later become candidates for the B.C.S. degree or for the Certificate of Proficiency.

Evening Sessions

The evening sessions are held from 7.45 to 9.45 o'clock on every weekday evening, except Saturdays. They give opportunity for men employed in New York City through the day to obtain a thorough University training in business. The majority of such students, ranging in age from 18 to 40, have already had considerable practical experience, and are seeking to supplement their practical training by a scientific study of Accounts, Commerce, Finance and Business Law. Among these men are many book-keepers and accountants, who are preparing specifically for the State C. P. A. examinations; bank-clerks who desire a thorough understanding of their business; credit-men, insurance men, head book-keepers, railroad men and others, who realize that by study they can rapidly acquire much useful knowledge born of the experience of others.

Afternoon and Evening Sessions

The two years' curriculum of afternoon and evening work combined has been established principally for the benefit of graduates of secondary schools, who are looking forward to business careers, and who are able to give all their time to study. Several students in this class are working with a view to taking the degree of Bachelor of Law in the University Law School one year after graduation from the School of Commerce.

The Courses in Accounting

The instruction in accounting includes all that is necessary, aside from the required preliminary experience, to enable the accountant to pass the New York State examination for the certificate of C.P.A. (*Certified Public Accountant*) and to begin an intelligent practice of the profession of public accountancy. During the first year the student is given a thorough drill in the fundamental principles of accounts and is required to do much practical work. In the second and third years he studies the science of accounts, learns how the principles are applied in various lines of business, and becomes familiar with the manifold duties and problems which confront the auditor and public accountant.

Commerce and Finance

The courses in Commerce and Finance have direct practical value for all young men looking forward to careers in banking, brokerage, trade journalism or general business. On the side of finance, the student studies corporation and trust finance, practical banking, the nature of money and credit, the development of banking, the nature of bank deposits and bank notes, the financial history of the United States, the principles of investments—with special reference to bonds and stocks—the theory and technique of foreign exchange, the causes of panics, the methods of speculation in stocks and produce, and the money market. On the side of industry, he begins with the study of raw materials. He learns where they are produced and the cost of production, to what markets they move, into what products they are converted, the nature of the demand they satisfy, and the causes of the price fluctuations to which they are subject.

Instruction in Law

The scheme for instruction in law has been designed not only for those preparing for the profession of Certified Public Accountancy, but also for men in general commercial or business life. It equips them for positions in banking, trust, surety and insurance companies; for the duties of executors, trustees or managers of property for themselves or others; for general work upon the Stock Exchange; for organization and management of corporations; and for general business operations. The law courses, properly used, will increase the student's chances for rapid advancement and success in financial or commercial life. It is intended to offer to the student solely practical business law to suit his special needs and to omit details necessary only for the practitioner. A student desiring to pursue any subject more extensively than is contemplated here may attend lectures for two hours a week upon such topic in the School of Law without additional charge, provided the hours of such course do not conflict with the regular work of the School, and subject to the approval of the Dean of the School of Law.

Fees

The matriculation fee is \$5. This must be paid by all students taking 8 hours or more work per week. It is paid once only during the student's course.

The fee for the full evening curriculum, 10 hours a week, is \$100 per annum.

The fee for the afternoon and evening curriculum combined (20 hours a week) is \$150 per annum.

Students taking less than 8 hours a week are charged at the rate of \$12.50 per hour, or \$25, payable in advance, for a two-hour course running through the year. The fee for a two-hour course for one term is \$15.

The special fee for each class in Actuarial Science is \$50.

Fees for the year are due upon entrance upon a course. When the fees amount to more than \$50, they may be paid, by those who so desire, quarterly in advance on or before October 1st, December 1st, February 1st, and April 1st. Students are expected to meet the payments promptly and without notice from the University. If a student who has paid the full annual fee in advance is compelled by sickness or other good reason to withdraw from the School, the proportionate fee for the remaining quarters of the year is returned. In no case is any part of the fee returned to students who make quarterly payments.

Cards of admission are issued by the Bursar, to whom all fees must be paid, and students are admitted to lectures only upon presentation of these cards.

The fee for the final examination for the degree of Master or Bachelor of Commercial Science is \$20. There is no additional charge for graduation expenses and diploma.

The fee for the final examination for a Certificate of Proficiency is \$10.

The School Year

The year comprises two terms of instruction. The first term begins Thursday, September 24, 1908; the second term begins February 1, 1909. The University year ends Wednesday, June 2, 1908.

Board and Rooms

Good rooms with table board may be obtained in the vicinity of the University Building for \$7 per week and upward. Two students rooming together may materially reduce their expenses.

Students coming to the School from a distance are invited to make the University Building a centre from which to make all arrangements preliminary to entrance. Letters, baggage, etc., may be sent to the building *in care of the School*. The officers of the University will render all assistance possible in aiding students to find suitable rooms and board.

Library

The Library of the School contains, besides reference books in finance and economics, the best works upon accounting. The Law Library, containing about 16,000 volumes, is located in the University Building and is open to students of this school. The Astor Library of 283,000 volumes, and especially rich in works on Commerce and Finance, is within three minutes' walk of the University Building.

Prizes

An anonymous donor has presented to the School of Commerce, Accounts and Finance \$50.00, to be awarded to the regular student who, in the judgment of the Faculty, makes the best record in the courses in accounting. The prize will be awarded in 1908-1909 to a third-year student selected in accordance with the terms of the gift.

The Alpha Kappa Psi fraternity offers a prize of \$25.00 to be awarded in 1908-1909 to a first-year student, selected in the following manner: The best three papers on certain specified subjects submitted by first-

year students, will be picked out by a committee of the Faculty. The Faculty, as a whole, will then select the winner of the prize from the authors of the three papers, taking into consideration scholarship, influence among his fellow-students, and general ability.

School Publications

In a series styled "Studies in Business," the School has published three books of interest to accountants, as follows :

No. 1. "The Railway Auditor," by H. C. Whitehead, General Auditor of the Atchison, Topeka and Santa Fé Railway Company. Price, \$1.

No. 2. "Accounts of Executors and Testamentary Trustees," by Prof. Joseph Hardcastle. Price, \$2.

No. 3. "The Text Book of the Accountancy of Investment," by Prof. Chas. E. Sprague. Price, \$4.

A pamphlet containing copies of examination questions set in 1906-1907 is on sale at the School office. The price is fifty cents.

Employment

The experience of the School during its eight years' existence warrants the statement that business men generally recognize the superior efficiency of our students and are glad to employ them. The officers receive an increasing number of calls for capable men, and endeavor to help students and graduates to find suitable employment. Prospective students from out of town, who cannot afford to give up all their time to School work and wish to obtain employment through the day, are invited to communicate with the Secretary of the School.

Attendance

The record of attendance of the School is as follows:

Year.	Students.
1900-1901	60
1901-1902	90
1902-1903	120
1903-1904	155
1904-1905	200
1905-1906	441
1906-1907	605
1907-1908	809

SCHEDULE OF AFTERNOON COURSES, 1908-1909

(SUBJECT TO CHANGE)

	FIRST TERM	SECOND TERM
MONDAY 4-45-6.45 P.M.	* <i>Commerce 15</i> (Social Forces) <i>Accounting 2</i> (Advanced Practice).	* <i>Commerce 15a</i> (Social Forces). <i>Accounting 2a</i> (Accounting Procedure).
TUESDAY 4-45-6.45 P.M.	* <i>Commerce 10</i> (Industrial History). <i>Accounting 10</i> (Corporation Accounting).	* <i>Commerce 10a</i> (Industrial History). <i>Accounting 8</i> (Executors' Accounts).
WEDNESDAY 4-45-6.45 P.M.	* <i>Commerce 1</i> (Political Economy). <i>Law 3</i> (Commercial Paper)	* <i>Commerce 1a</i> (Economic Problems). <i>Law 3a</i> (Corporations and Partnerships).
THURSDAY 4-45-6.45 P.M.	* <i>Accounting 1</i> (Principles of Accounting). <i>Law 2</i> (Sales and Mortgages).	* <i>Accounting 1a</i> (Principles of Accounting). <i>Law 2a</i> (Bankruptcy).
FRIDAY 4-45-6.45 P.M.	* <i>Law 1</i> (Contracts). <i>Spanish 2</i> (Second Year Spanish).	* <i>Law 1a</i> (Agency). <i>Spanish 2a</i> (Second Year Spanish).

* Indicates courses which are open to first-year students.

SCHEDULE OF EVENING COURSES, 1908-1909

(SUBJECT TO CHANGE)

	FIRST TERM	SECOND TERM
MONDAY 7:45-9:45 P.M.	* <i>Accounting 1</i> (Principles of Accounting). * <i>Commerce 7</i> (Railroad Transportation). * <i>Commerce 12</i> (Real Estate). * <i>Law 7</i> (Insurance). * <i>Finance 3</i> (Money and Credit).	* <i>Accounting 1a</i> (Principles of Accounting). * <i>Commerce 8</i> (Industrial Values). * <i>Commerce 12a</i> (Real Estate). * <i>Finance 5</i> (Foreign Exchange).
TUESDAY 7:45-9:45 P.M.	* <i>Finance 1</i> (Corporation Finance). * <i>Accounting 2</i> (Accounting Practice). * <i>Accounting 6</i> (Auditing). * <i>Finance 4</i> (Banking, Theory and History).	* <i>Finance 1a</i> (Corporation Finance). * <i>Accounting 2a</i> (Accounting Procedure). * <i>Accounting 6a</i> (Auditing). * <i>Finance 6</i> (European Banking).
WEDNESDAY 7:45-9:45 P.M.	* <i>Commerce 1</i> (Political Economy). * <i>Commerce 14</i> (Industrial Engineering). * <i>German 1</i> (Commercial German). * <i>Finance 2</i> (Banking Practice). * <i>Accounting 3</i> (Cost Accounts). * <i>Law 3</i> (Commercial Paper).	* <i>Commerce 1a</i> (Political Economy). * <i>Commerce 14a</i> (Industrial Engineering). * <i>German 1a</i> (Commercial German). * <i>Finance 9</i> (Panics and Depressions). * <i>Accounting 8</i> (Executors' Accounts). * <i>Law 3a</i> (Corporations and Partnerships).
THURSDAY 7:45-9:45 P.M.	* <i>Commerce 11</i> (Salesmanship). * <i>Finance 11</i> (Financial History). * <i>English 1</i> (Business English). * <i>Finance 14</i> (Fire Insurance). * <i>Law 2</i> (Sales and Mortgages). * <i>Accounting 11</i> (Advanced Problems).	* <i>Commerce 11a</i> (Advertising). * <i>Finance 11a</i> (Financial History). * <i>English 1a</i> (Business English). * <i>Finance 14a</i> (Fire Insurance). * <i>Law 2a</i> (Bankruptcy). * <i>Accounting 11a</i> (Advanced Problems).
FRIDAY 7:45-9:45 P.M.	* <i>Law 1</i> (Contracts). * <i>Spanish 1</i> (Commercial Spanish). * <i>Commerce 16</i> (Industrial Electricity). * <i>Finance 7</i> (Investments). * <i>Accounting 10</i> (Corporation Accounts). * <i>Accounting 13</i> (Railroad Accounts).	* <i>Law 1a</i> (Agency). * <i>Spanish 1a</i> (Commercial Spanish). * <i>Commerce 16a</i> (Industrial Electricity). * <i>Finance 7a</i> (Investments). * <i>Accounting 10a</i> (Investment Accounts).

* Indicates courses which are open to first-year students.

For descriptions of courses see pages 25 to 39.

ONE-YEAR COURSES

For the benefit of men who are employed through the day, and are not in a position to enter upon the three-year University course, a number of one-year courses have been arranged. Each of these one-year courses covers a distinct special field, and will prove of direct benefit to workers in that field. Students who enter a one-year course and later decide to continue their studies will be given credit for their work toward the Certificate of Proficiency or the degree of Bachelor of Commercial Science, as the case may be.

Fees for these one-year courses, unless otherwise specified, are charged on the same basis as for the regular curriculum, as stated on page 14. Circulars outlining the special one-year courses will be sent on request. The one-year courses in 1908-09 will be :

1. One-Year Course in Accounting
2. One-Year Course in Finance
3. One-Year Course in Business Management
4. One-Year Course in Actuarial Science
5. One-Year Course in Real Estate
6. One-Year Course in Fire Insurance
7. One-Year Course in Railroad Transportation
8. One-Year Course in Commercial Engineering
9. One-Year Course in Salesmanship and Advertising

DESCRIPTION OF STUDIES

Accounting

I and Ia. Principles of Accounting. (*60 hours.*) First and Second Terms ; afternoon division, both sections, Thursdays, 4:45-6:45; evening division, Mondays, Section A, 7:45-9:45 ; Section B, 7:30-10.

The purpose of this course is to lay a solid foundation for the further study of accountancy. To this end a complete series of transactions, to be entered in a set of forms and books, is made the basis of class study.

The class is divided into two sections, A and B.

Section A. Professor Dennis and Mr. Bayer.

The work of this section is designed for those students who have already had considerable practical experience in accounting. It is divided as follows:

Part I. A manufacturing business: opening partnership accounts; balance sheets ; manufacturing, trading and profit and loss accounts; reserves; depreciation; admission of new partners; realization and liquidation accounts.

Part II. A manufacturing business: cost and stock accounting; statement of affairs and deficiency account; joint accounts; partnership adjustments ; sale of business to a corporation.

Part III. Accounts incident to a corporation: capital stock; stock transfers; dividends; sale of business to a trust; good will purchased but not shown in the accounts.

Part IV. Commission bookkeeping, embracing accounts kept in two or more moneys; analyzing a ledger; Wall Street bankers' and brokers' methods.

Section B. Mr. Greendlinger.

The work of this section is designed for those students who possess little or no knowledge of and practical experience in accounts. It is divided into the following five parts.

Introductory Part. The principles of double entry bookkeeping ; the fundamental principles of debits and credits ; drill work in journalizing, posting, and trial balance taking ; closing of the books, opening and closing of a simple profit and loss account, and adjustment of the proprietors' accounts.

Parts I-IV same as in Section A.

2. Advanced Accounting Practice. (*30 hours.*) First Term; afternoon division, Mondays, 4:45-6:45; evening division, Tuesdays, 7:45-9:45. Professor Dennis.

The basis of this course is analysis. The student is carried forward to a thorough familiarity with accounting as an art, and the scientific application of recognized rules pertaining to accounts in general. Analytical statements of cost production are made, revealing the strong and weak points of a business, and showing how the profits are made and how losses may be avoided through the medium of a comprehensible arrangement of the accounts.

2a. Accounting Procedure. (*30 hours.*) Second Term; afternoon division, Mondays, 4:45-6:45; evening division, Tuesdays, 7:45-9:45. Professor Dennis.

A thorough exposition of modern counting-house methods and business practice. Installation of accounting systems. Theory of accounts and its adaptability in practical work. Accounts considered in groups, which give the business man at a glance the commercial rating to which a creditor is entitled.

3. Cost Accounts. (*30 hours.*) First Term, Wednesdays, 7:45-9:45 P.M. Professor Dennis.

The nature of cost accounts; the various methods of cost keeping illustrated and described; the old style single manufacturing account compared with the proof-by-balance system of to-day. Raw material as the basic element underlying all cost, is treated in relation to purchase, record of stock on hand and consumption in the process of manufacture. Labor in its relations to cost; records and distribution; description and illustration of time books, cards and reports. Manufacturing expenses or factory costs: component parts thereof; their relation to suspense and reserve accounts, and final distribution over the goods in process. The student is instructed in the designing of cost systems for the principal industries, such as textile works, foundry and machine shops, harvesting plants, printing and publishing houses, and mines.

5. The Philosophy of Accounts. (*30 hours.*) Not given in 1908-1909. Professor Sprague.

In this course accountancy is considered from the standpoint of science. Illustrations are freely used, but the science of accounts is viewed in the light of philosophy, and its place is established in the field of Political Economy. During the course, the various arts which depend upon this science are defined and differentiated; and critical opinions are gathered from different writers as to the purposes of

the account. The constant equation of accounts; the balance sheet or account of results; various forms and phases of the balance sheet illustrated and discussed; the ledger; the trial balance; specific and economic accounts, with the result of each, showing the same status; mixed accounts and their disentanglement; sources of the ledger; posting mediums; evolution of the journal; direct posting, and columnar posting mediums; annulling or offsetting accounts; reserves; general theories of debit and credit, such as the quantitative or mathematical and the relational or personalistic; reconciliation of conflicting theories by extension of terms; and the utilization of various standpoints for argument and explanation.

6. Auditing. (30 hours.) First Term, Tuesdays, 7:45-9:45 P.M.

Professor Brummer.

The principles and practice of auditing are taught from the various view-points of the occasional or amateur auditor, the traveling or assistant auditor, and especially the independent or expert auditor who represents the profession of the certified public accountant.

6a. Auditing Practice. (30 hours.) Second Term, Tuesdays, 7:45-9:45 P.M. Professor Brummer.

This is a seminar course intended to train the student in the writing of clear and concise statements of financial condition. Several reports are required from each student which are criticised in class. The annual statements of railroads and industrial corporations, as well as other material, are utilized as the basis for reports. The student is expected to make his report in clear and untechnical English, intelligible to the average business man.

8. Accounting of Executors and Trustees. (30 hours.) Second Term; Evening division, Wednesdays, 7:45-9:45; afternoon division, Tuesdays, 4:45-6:45 P.M. Professor Patterson and Mr. Greendlinger.

This course sets forth the legal rights and duties of trustees, executors and administrators, so far as they relate to accounting, and traces the development of accounting methods in this important field. The duties, rights and proper accounting methods of trustees and executors are analyzed and explained in detail, the lectures being illustrated by numerous practical examples.

9. Investment Accounts. (30 hours.) Second Term, Fridays, 7:45-9:45 P.M. Professor Sprague.

Capital and income; employment of capital; own-capital and loan-capital; earnings by enterprise and vicarious earnings. Rent and interest. The mathematics of finance. Simple interest; compound

interest. Valuation of annuity ; of sinking fund. Use of logarithms to abbreviate processes ; use of tables. Bonds and their peculiarities ; premiums and discounts ; amortisation and accumulation ; evaluation. Special cases : serial bonds ; optional redemption ; broken periods ; quarterly bonds ; annual bonds. Practice in questions of evaluation.

Investment bookkeeping ; bonds and mortgages ; loans on collateral ; bonds and debentures ; specialized ledgers for all these forms of investment. Collection of income and records of its accretion, maturity and collection. General ledger accounts covering the same subjects. Treatment of premiums and discounts in general ledger.

10. Corporation Accounts. (30 hours.) First Term ; afternoon division, Tuesdays, 4:45-6:45 ; evening division, Fridays, 7:45-9:45.

Mr. Greendlinger.

The course begins with a brief history of the development of corporations and corporation law in the United States, followed by a set of transactions showing the change of a partnership into a corporation, payment being made in stocks and bonds. The various books incidental to a corporation are explained and the modern forms are given. The numerous classes of capital stock are fully explained and problems of reorganization of corporations and formation of trusts are solved. The reading is assigned from the following :

Corporation Accounting and Corporation Law by Rahill,
Corporate Finance and Accounting by Bentley,
Corporation Accounting and Auditing by Kelster,
Joint Stock Bookkeeping by J. W. Johnson,
The Modern Trust Company by Kirkbride & Sterrett,
Manual for Opening and Closing the Books of Joint Stock Companies
by Carne.

11 and 11a. Problems. (60 hours.) First and Second Terms, Thursdays, 7:45-9:45 P.M. Professor Dennis.

The most advanced course in accounting practice. It makes a thorough test of the student's knowledge of accounting principles, auditing and law, and drills him in the application of those principles in the solution of difficult problems.

13. Railroad Accounts. (30 hours.) First Term, Fridays, 7:45-9:45 P.M. Mr. Forsdick.

A review of the whole subject, including such topics as the relations of other departments to the accounting department, freight and passenger earnings, operating expenses, fixed charges, auditing methods, accounts of allied companies and statistical helps in railroad operation.

Commerce

1. Political Economy. (*30 hours.*) First Term, Wednesdays; afternoon division, 4:45-6:45; evening division, 7:45-9:45. Professor Johnson and Dr. Galloway.

This course is a study of the elementary principles of the science of business. The purpose is to bring before the student a clear idea of the problems which economists have sought to solve and to make him able to read the scientific literature of the subject intelligently. No text-book is used, but collateral reading is assigned in Seager's *Introduction to Economics*, and in the works of Gide, Pierson and Fetter.

1a. Practical Economic Problems. (*30 hours.*) Second Term, Wednesdays; afternoon division, 4:45-6:45; evening division, 7:45-9:45. Professor Johnson and Dr. Galloway.

In this course the test of experience is applied to the so-called principles or laws of Political Economy. Trade unions, and, in general, the relations of employees to the employer are studied. Such questions as the following are treated: Is England's commercial supremacy threatened? Is there evidence to show that trusts in the long run exact higher prices from consumers than would be charged under a competitive régime? Is there any basis for the contention that a protective tariff is not wholly paid by the consumer?

3 and 3a. Business Organization and Statistics. (*60 hours.*) Not given in 1908-1909.

A study is made of the internal management of a large business, the differentiation of the duties of various departments, the advantages of various methods of organization as regards economy and the preservation of good-will, trade-marks, local interests, and so on. The course treats of the organization of corporations controlling different branches of industry, the relation of one branch to others, and the relation of each to the parent company. A thorough and practical examination is conducted of the internal organization of several industrial corporations having headquarters in New York. The use of statistics in locating weak points in the structure of a company, in stimulating effort, and in promoting efficiency generally are fully discussed and illustrated.

4 and 4a. Industrial Geography of the United States. (*60 hours.*) Not given in 1908-1909.

The economic demands created by the concentration of population in certain sections of the United States and the distribution of natural resources to meet those demands are first described. The leading

products of the country, wheat, cotton, corn, iron and steel, copper, lumber, leather, and so on, are then taken up in order and studied with reference to their chief centres of production, methods of manufacture and distribution, markets, transportation facilities and charges and competitive conditions.

7. Railroad Transportation in the United States. (30 hours.)
First Term, Mondays, 7:45-9:45 P.M. Assistant-Professor Lough.

The traffic conditions prevailing in different sections of the United States are first described in general terms; and, following, the principal railroad systems are studied with reference to their location, terminals, traffic policy, and the sources and character of their traffic. The usual methods of handling and tracing freight and of dealing with claims are discussed. In connection with rates the chief topics considered are: the origin and principles of freight classification; class rates within and between classification territories; domestic commodity rates; export and import rates; terminal charges. Reading is assigned in Ripley's *Railway Problems*.

8. Industrial Values. (30 hours.) Second Term, Mondays, 7:45-9:45 P.M. Dr. Galloway.

A study of the markets and the price movements of industrial products. This is a concrete and practical application of economic principles to the explanation of price fluctuations in the world's produce exchanges. The source of the demand for each commodity is looked for and its nature analyzed. The course of prices during the last thirty years is followed and an effort made to account for their changes. Special topics are treated by men actively engaged in business. There is no book covering the subject matter of this course, but use is made of trade journals and of the reports of produce exchanges.

10 and 10a. Industrial History of the United States. (60 hours.)
First and Second Terms, Tuesdays, 4:45-6:45 P.M. Dr. Galloway.

The course treats briefly the economic development of England previous to the Industrial Revolution and includes a study of the various inventions in the cotton, steel and other industries which have greatly lowered the cost of production and so contributed to the industrial expansion of the United States. The industrial causes and effects of our wars and tariffs are discussed; the growth of trusts and their significance; the present position of the United States as compared with other countries.

11. Salesmanship. (30 hours.) First Term, Thursdays, 7:45-9:45 P.M. Dr. Rudd.

The course is designed to give a thorough training in practical salesmanship and to add directly to the student's money-making, business-building ability. The instruction is given through lectures, demonstrations and criticisms of the student's own efforts. Among the topics considered are: the pre-approach; the approach; the demonstration; the close; studying the customer; analysis of goods; business logic; effectiveness in presenting arguments; written salesmanship; personal letters; follow-up letters; laws governing sales; organizing a selling force; selling policies; selling campaigns; selling problems; new and practical selling plans.

11a. Advertising. (30 hours.) Second Term, Thursdays, 7:45-9:45 P.M. Dr. Rudd.

The characteristics of various advertising media and their relative advantages are fully discussed. The circulations of leading magazines and newspapers are analyzed with a view to determining their quality and drawing-power for different classes of goods. The literature and typography of advertising are comprehensively treated and mechanical details fully explained. A feature of the course is the large number of special lectures which will be given by well-known advertising experts.

12 and 12a. Real Estate. (60 hours.) First and Second Terms, Mondays, 7:45-9:45 P.M. Mr. Lindner.

A systematic discussion of realty values, law and management, including the following topics: brokers, their duties and obligations; building loan operations and the making of building loans; the planning of a building and the provisions of the building code; apartment house management; growth of cities and the theory of realty values; title insurance; taxes and assessments. Essentially a practical course for the benefit of owners and managers of real estate or men engaged in the real estate business.

14 and 14a. Industrial Engineering. (60 hours.) First and Second Terms, Wednesdays, 7:45-9:45 P.M. Professor Bliss.

The course is a thoroughly practical study of the more elementary engineering problems which confront contractors, manufacturers and in general all who have charge of industrial operations. It is intended for beginners who have not time to spare for a thorough course of training in civil and mechanical engineering. The course will be found

especially useful to accountants, who are called upon frequently to handle problems involving engineering costs; also to employees of industrial concerns who have not had a technical education. Among the topics to be considered are: elementary principles of civil and mechanical engineering, and the essential differences between the two branches; properties and mechanics of materials; physical tests for standard specification, and the interpretation of engineering specifications; principles of construction in contracting engineering work; study of the application of power, including hydraulics, steam, compressed air, electricity, and gas engine practice.

15 and 15a. Social Forces. (60 hours.) First and Second Terms, Mondays, 4:45-6:45 P.M. Assistant-Professor Lough.

Considerable attention at the beginning is given to the forms of civilization and the social institutions which have existed in the past. The evolution of modern domestic, ecclesiastical, political and industrial organization is traced. Socialism and other remedies for social ills are discussed. The course is designed to broaden the student's outlook and to supply him with the proper perspective for a more detailed study of commerce and industry. It may well be taken as a supplementary course to Commerce I and Ia. The reading is assigned from Carver's *Sociology and Social Forces*.

16 and 16a. Commercial Electricity. First and Second Terms, Fridays, 7:45-9:45 P.M. Professor Arnold.

This course does not pretend to give a technical training in electrical engineering. It is designed primarily to help officials and office employees of electric railway, lighting and power and of telephone and telegraph companies who need a scientific knowledge of the elements of electrical science in order to handle intelligently the business problems which come before them. The lectures will deal not only with the electro-technical features of the operation of such companies, but with the costs of installation and the relative commercial merits of different systems, such as the direct and alternating current methods of transmitting power, and the like. Several special lectures will be given by experts in certain branches of the subject.

Finance

1. Corporation Finance. (30 hours.) First Term, Tuesdays, 7:45-9:45 P.M. Assistant-Professor Lough and Dr. Rudd.

A practical study of the financial operations of corporations, especially railroads and industrial combinations. The subjects covered are, promotion, capitalization, marketing of securities and underwriting, reserve and dividend policies, methods of raising new capital funds, receiverships and reorganization.

1a. Corporation Securities and Reports. (30 hours.) Second Term, Tuesdays, 7:45-9:45 P.M. Assistant-Professor Lough and Dr. Haney.

Preference and non-preference stocks and bonds, first, second, consolidated, general, prior lien, and income, mortgage and debenture bonds, and car trust certificates are discussed. Students will be instructed in analyzing and extracting desired information from the reports of industrial corporations and railroad companies.

2. Banking Practice. (30 hours.) First Term, Wednesdays, 7:45-9:45 P.M. Assistant-Professor Judd.

Methods of organizing and conducting banks, trust companies and savings banks, in accordance with the provisions of the national bank act and the banking laws of the State of New York, are carefully studied, and illustrated by examples drawn from practical experience. Reference books: White, *Money and Banking*; Bolles, *Money, Banking and Finance*; Barrett, *Modern Banking Methods*.

3. Money and Credit. (30 hours.) First Term, Mondays, 7:45-9:45 P.M. Professor Johnson and Dr. Galloway.

This course is a critical study of the theory and principles governing the means of payment. It describes the nature of money and the source of its value in the services which it performs; its relation to credit and to capital; how credit increases the efficiency of the supply of money and how its rapidity of circulation affects the value of money. The history of monetary experiences in the United States is given in considerable detail, special attention being given to the issue of greenbacks in the Civil War, to the resumption of specie payments in 1879, and to the limited coinage of silver under the laws of 1878 and 1890.

4. Theory and History of Banking. (30 hours.) First Term
Tuesdays, 7:45-9:45 P.M. Professor Johnson.

This course begins with a thorough analysis of the work done by banks of deposit and issue. It is shown why and how the savings of society find their way into the hands of bankers, being thus converted into loanable funds; how the use of credit enables the bank to expand its loans and deposits much beyond the amount of cash on hand; how the bank note is a liability, like the deposit, and, when properly used and guarded, may be safely used as money and so prevent fluctuations in the interest rate arising out of monetary stringency. The Bank of Germany and other banks of issue in Europe are described. The development of banking in the United States is made a subject of special study. The course includes a thorough study of the national banking system and all proposed reforms. The students are assigned readings in Dunbar's *History and Theory of Banking*, White's *Money and Banking*, Conant's *History of Modern Banks of Issue*, The Indianapolis Monetary Commission's Report, and Cleveland's *The Bank and The Treasury*.

5. Foreign Exchange and the Money Market. (30 hours.) Second Term, Mondays, 7:45-9:45 P.M. Professor Johnson.

The course is of practical benefit to men employed in the exchange departments of banks. It involves the study of the monetary systems of leading foreign countries and an analysis of the various transactions which cause fluctuations in the rates of exchange. The course is theoretical only in so far as is necessary to make the student understand the technique of exchange. The relation of trust companies to the New York money market is considered. Reference books: Goschen's *Foreign Exchange*, Clare's *A B C of the Foreign Exchanges*, and Bagehot's *Lombard Street*.

6. Banking in Europe. Second Term, Tuesdays, 7:45-9:45 P.M. Mr. Conant.

The banking systems of the principal countries of Europe will be described in some detail, especial attention being given to the central banks of England, Germany and France. The lecturer will discuss the merits and defects of each system and will compare foreign with American banking practice. This course will prove of practical value, not only to students of banking and currency, but to bank employees and officials. The reference book will be Conant's *History of Modern Banks of Issue*.

7 and 7a. Investment and Speculation. (60 hours.) First and Second Terms, Fridays, 7:45-9:45 P.M. Mr. Hardy and Mr. Atwood.

This course consists largely of a thorough study and analysis of the securities of important corporations. It considers topics like the following: the source of funds seeking investment; the nature and value of bonds issued by the governments of leading countries of the world; municipal bonds and the conditions determining their legality; the general characteristics of stocks and bonds issued by street railways and industrial corporations; railroad stocks and bonds. Students are familiarized with the best methods of computing income and values. The fluctuations in bond prices during the last twenty years are traced in order that the student may get a definite idea of the various influences which act upon bond values. The course treats of the nature of speculation, and describes the processes by which it is carried on in stock and produce markets.

9. Panics and Depressions. (30 hours.) Second Term, Wednesdays, 7:45-9:45 P.M. Assistant-Professor Lough.

This course is devoted largely to an historical review of the principal financial disturbances of the last half-century and an inductive study of the conditions which made them possible. In the light of the facts thus presented the theories put forth by various writers as to the causes of panics are discussed and criticized. The true explanation is sought in the relation of credit to industrial activity. The course is intended to help the student read the signs of the times intelligently. Burton's *Panics and Depressions* is used for reference.

11 and 11a. Financial History of the United States. (60 hours.) First and Second Terms, Thursdays, 7:45-9:45 P.M. Professor Gordy.

It will be the object of this course to present to the student the facts of our financial history in such a way as to enable him to see (1) how they came to pass, and (2) the influence they exert on subsequent history. To this end a constant effort will be made to connect our financial with our political history. The work will be based on Dewey's *Financial History of the United States*.

14 and 14a. Fire Insurance. (60 hours.) First and Second Terms, Thursdays, 7:45-9:45 P.M. Mr. Hardy.

A practical course intended primarily for employees of fire insurance or real estate companies. The following topics, among others, are discussed: Inspecting, rating, fire protection, office organization of a fire insurance company, adjustment of losses, brokerage. In addition to the systematic instruction there will be a number of special lectures by officials of various companies.

Law

The following courses cover all the subjects necessary for the C. P. A. examinations and also the subjects most useful to men in accounting, financial, or commercial life. Under the arrangement of courses a comprehensive legal preparation for such men may be obtained in a single year. The complete course may be taken with or without evening work. Students not wishing to take the complete course may elect such classes as they consider best suited to their particular needs. It is recommended that the beginner in every case include the courses in Contracts and Agency in his plan of study.

The method of instruction aims to eliminate purely technical details, and yet retain all the rules and principles of each subject which may be useful to the student. A large part of the work consists in study of the facts involved in specially selected cases upon which the courts have rendered decisions. The student is shown how the principles and rules apply to these cases and is guided in making such applications for himself. General discussion of the various cases is required and every student is encouraged to take part. In every way the student is aided to train his own mind to use the knowledge acquired.

1. Contracts. (30 hours.) First Term, Fridays; afternoon division, 4:45-6:45; evening division, 7:45-9:45. Professor Bacon.

All the main topics are treated, including among others: how contracts arise; who may be parties and who are not bound under contracts; the various kinds of consideration; contracts that are void for illegality, fraud or other reasons; effect of various kinds of contracts; written and verbal contracts, and law of evidence as applied thereto; how contracts are construed; the Statute of Frauds and what contracts are void under that statute; how parties may terminate contracts, and what events terminate them without any act of the parties; when specific performance of contracts may be enforced; actions for damages for breach of contracts and what damages may be obtained.

1a. Agency, and the Functions of the Various Courts. (30 hours.) Second Term, Fridays; afternoon division, 4:45-6:45; evening division, 7:45-9:45. Professor Bacon.

Under Agency: how an agency may arise; contracts of agency; agency of wife and children; agency arising by ratification or estoppel; what parties may be principals and agents; the effects of agency and study of agents' rights and duties in various commercial and business situations; how agencies may be terminated and what agencies cannot be revoked; suits of agents or employees for breach of contract, etc.

Under "functions of the various courts": general discussion of the original growth and theory of the law; how this theory is applied in practical cases; classifications of the various courts, national, state and municipal, criminal and civil, and a brief description of their procedure and of the various cases decided in each court.

2. Sales, Shipments, and Management of Personal Property; Mortgages of Real Estate and Personal Property. (*30 hours.*) First Term, Thursdays; afternoon division, 4:45-6:45; evening division, 7:45-9:45. Professor Bacon.

Main topics: sale of personal property; contracts and memoranda of sales; immediate and future sales; sale of property to be manufactured; when sales may be set aside; selection of goods, fixing of price, time of delivery; shipments of goods, and rights and duties of consignor, consignee and carrier; bills of lading and stoppage and loss in transit; warranties of goods, sales by sample, by description, C. O. D., on approval, etc.; storage of goods, rights and duties of warehouseman, warehouse receipts, etc.; suits against transportation company, warehouseman, or against buyer or seller of goods.

Mortgages of real estate, chattel mortgages of personal property; mortgage bonds and notes, right to possession of mortgaged property, recording of mortgages; searches of title to real estate, foreclosure of mortgages; payment and satisfaction of mortgages.

2a. Bankruptcy; Wills and Executors and Administrators. (*30 hours.*) Second Term, Thursdays; afternoon division, 4:45-6:45; evening division, 7:45-9:45. Professor Bacon.

Bankruptcy; who may become bankrupt and when creditors may enforce bankruptcy; acts of bankruptcy; insolvency; bankruptcy schedules; exempt property; preferred and secured claims; when security must be surrendered; management of bankrupt's estate; creditors' meetings; filing claims; trustee; examination of bankrupt; dividends to creditors; accounts and inventories to be filed; fees and expenses; discharge of bankrupt and settlement of estate.

Wills, Executors and Administrators: drawing, execution and revocation of wills; when wills void for mistakes or insanity of testator; when set aside for fraud and undue influence; gifts of property; powers and duties of executors and administrators; executors' bonds; management of real estate and personal property; various kinds of legacies; rights of creditors, and which claims shall be paid first; where property goes when there is no will, etc.

3. Law of Banks and Negotiable and Commercial Paper. (*30 hours.*) First Term, Wednesdays; afternoon division, 4:45-6:45; evening division, 7:45-9:45. Professor Bacon.

Negotiable or Commercial Paper : what are valid negotiable instruments and what instruments are not negotiable; form of bills, notes, drafts and checks; makers, payees, endorsers, etc., of negotiable paper; acceptance of drafts and certification of checks; suits on negotiable paper; defenses to such suits, usury, forgery, theft, raising, illegal debts, alterations, infancy, prior payment, etc.; partnership and corporation paper; demand paper and bearer instruments; indorsers and when they are discharged; accommodation indorsers and indorsers after maturity; rights of indorsers paying paper; holders for value and in due course; presentment for payment, notice of dishonor, notice of protest, etc.; certificates of deposit; bonds, coupon and registered; certificates of stocks; bills of lading, warehouse receipts, etc.

3a. Partnerships, Corporations and Receivers. (30 hours.) Second Term, Wednesdays; afternoon division, 4:45-6:45; evening division, 7:45-9:45. Professor Bacon.

Partnerships : how partnerships are formed and who can be held liable as partners; sharing of profits and losses, firm name and books of accounts; rights of partners as to management; rights of creditors against firm and partners; ownership of firm property; silent and dormant partners; commercial paper of firm; accounting by partners; contributions of capital and loans to the firm; termination of firm; death, insanity, fraud or withdrawal of partner; liquidation of assets; bankruptcy of firm; limited partnerships.

Corporations : various kinds of corporations; formation of corporations; charter, by-laws, capital stock; stockholders' and directors' meetings; election of officers; corporate bonds and mortgages, and commercial paper; rights of minority stockholders; voting trusts; corporate books; rights of creditors; directors' and stockholders' liability; revocation of charter; dissolution of corporation.

Receivers : when receiver may be appointed; purposes of receiverships; rights and duties of receivers and of creditors.

7. Insurance Law and Practice. (30 hours.) First Term, Mondays, 7:45-9:45 P.M. Professor Bacon and Mr. Hardy.

Fire, Life, Accident and Health Insurance are presented in a practical way, with a critical examination of the application, the warranties therein and the various forms of policies; the legal rights of the insured, the beneficiary and the insurer, with full consideration of insurable interest, premiums, assessments, proofs, performance of contract, forfeiture, waiver, limitations, assignments, wives' policies, bankruptcy, suicide, fraud, incontestability, agency.

English

1 and 1a. Business English. (60 hours.) First and Second Terms. Thursdays, 7.45-9.45 P.M. Mr. Hotchkiss.

A certain amount of instruction is given by lectures, but the main object of the course is to drill the students in the use of correct and forceful English. The members of the class are required to write a large number of themes, letters, reports and arguments, which are reviewed and criticized in class. If time permits, some attention will be given to briefs and oral arguments.

Spanish

1 and 1a. Commercial Spanish. (60 hours.) First and Second Terms, Fridays, 7.45-9.45 P.M. Mr. Iturralde.

This elementary course has the aim of teaching the student to speak the language well enough to enable him to advance in his own office, to accept positions in foreign offices or to travel. Conversation, in which every member of the class takes part, is a feature of the course from the very beginning. Much attention is paid to pronunciation.

2 and 2a. Second-Year Spanish. (60 hours.) First and Second Terms, Fridays, 4.45-6.45 P.M. Mr. Iturralde.

The important verbs, regular and irregular, the proper uses of tenses, necessary points of grammar, commercial idioms and letter-writing, will receive special attention. There will also be much practice work in translation, conversation and dictation.

German

1 and 1a. Commercial German. (60 hours.) First and Second Terms, Wednesdays, 7.45-9.45 P.M. Mr. Greendlinger.

This course is planned to meet the requirements of those who desire a practical knowledge of modern German for business purposes. The reading of articles upon various financial and commercial subjects, the writing of business letters, market reports and advertisements in German, and proficiency in German conversation are the principal objects to be attained. From the very beginning the course will be conducted so far as possible in German.

IX

**THE WASHINGTON SQUARE
COLLEGIATE DIVISION**

ANNOUNCEMENTS FOR 1908-1909

THE WASHINGTON SQUARE COLLEGIATE DIVISION

Faculty

HENRY M. MACCRACKEN, D.D., LL.D., <i>Chancellor of the University,</i>	University Heights.
DANIEL W. HERING, C.E., PH.D., LL.D., <i>Professor of Physics,</i>	128 West 129th St.
FRANCIS HOVEY STODDARD, PH.D., <i>Professor of the English Language and Literature,</i>	22 West 68th St.
WILLIAM KENDALL GILLETT, M.A., <i>Professor of Romance Languages,</i>	Pelham Manor, N. Y.
ERNEST GOTTLIEB SIHLER, PH.D., <i>Professor of the Latin Language and Literature,</i>	University Heights.
MARSHALL S. BROWN, M.A., <i>Professor of History and Political Science,</i>	University Heights.
CHARLES L. BRISTOL, PH.D., <i>Professor of Biology,</i>	University Heights.
LAWRENCE A. McLOUTH, B.A., <i>Professor of the German Language and Literature,</i>	University Heights.
THOMAS W. EDMONDSON, PH.D., <i>Professor of Mathematics, and Chairman,</i>	University Heights.
GRAHAM LUSK, PH.D., F.R.S., <i>Professor of Physiology,</i>	University Medical College.
CHARLES GRAY SHAW, PH.D., <i>Professor of Ethics and Assistant Professor of Philosophy,</i>	University Heights.
ARCHIBALD L. BOUTON, M.A., <i>Professor of Rhetoric,</i>	University Heights.
J. P. GORDY, PH.D., LL.D., <i>Professor of the History of Education and of American History,</i>	Washington Square.

ROBERT MACDOUGALL, PH.D., <i>Professor of Descriptive Psychology,</i>	Washington Square.
JOSEPH FRENCH JOHNSON, B.A., D.C.S., <i>Professor of Political Economy and Finance,</i>	Washington Square.
WILLIAM E. WATERS, PH.D., <i>Professor of Greek,</i>	604 West 115th St.
JAMES E. LOUGH, PH.D., <i>Professor of Experimental Psychology, and Secretary,</i>	Washington Square.
JOHN HENRY MACCRACKEN, PH.D., <i>Professor of Politics, University Syndic,</i>	Washington Square.
FREDERICK H. WILKENS, PH.D., <i>Associate Professor of German,</i>	University Heights.
ALBERT I. CALAIS, B.L., <i>Assistant Professor of French,</i>	Washington Square.
ERNST RIESS, PH.D., <i>Assistant Professor of Latin,</i>	221 West 113th St.
ARTHUR SCHULTZE, PH.D., <i>Assistant Professor of Mathematics,</i>	Washington Square.
GIUSEPPE BRIGIDA, <i>Instructor in Italian,</i>	Washington Square.
ARTHUR E. HILL, PH.D., <i>Associate Professor of Analytical Chemistry,</i>	University Heights.
ARTHUR B. LAMB, PH.D., <i>Associate Professor of Chemistry,</i>	University Heights.
W. H. LOUGH, JR., M.A., <i>Assistant Professor of Economics,</i>	Washington Square.
ARTHUR H. NASON, M.A., <i>Instructor in English,</i>	University Heights.
G. W. HOTCHKISS, M.A., <i>Instructor in English,</i>	Washington Square.
RUDOLPH M. BINDER, PH.D., <i>Lecturer on Sociology,</i>	Washington Square.
LEE GALLOWAY, PH.D., <i>Instructor in Economics,</i>	Washington Square.
JOHN P. SIMMONS, B.S., <i>Instructor in Chemistry,</i>	University Heights.
MAXIMO ITURRALDE, <i>Lecturer in Commercial Spanish,</i>	Washington Square.
FRANK A. FALL, M.A., <i>Bursar,</i>	Washington Square.
GEORGE C. SPRAGUE, PH.D., <i>Registrar,</i>	Washington Square.

NEW YORK UNIVERSITY

THE WASHINGTON SQUARE COLLEGIATE DIVISION

General Statement

The Washington Square Collegiate Division of New York University was established in 1903 to meet the needs of many teachers and other professional men and women living in or near New York City who desire to complete a collegiate education, but are unable to attend the courses in the University College. Each course is of a strictly collegiate grade, both as to the subject matter and as to the amount and quality of the work required from the students. The courses in general will be the counterpart of courses offered in the University College at University Heights. All courses are open to both men and women. The classes meet on Saturdays, or at 4, 5, or 8 P. M. on other days, as each class may decide at its first meeting, such hour being selected as will meet the requirements of the greatest number.

The University reserves the right to withdraw any course for the year, at a date not later than October 15, in case the minimum enrollment for that course shall not have been reached by that date.

Location

The University Building at Washington Square, containing the Administration Offices of the University, the University Law School, the Graduate School, the School of Pedagogy, the Woman's Law Class, and the School of Commerce, is situated near the center of the metropolitan district, and is very accessible from every part of Greater New York and eastern New Jersey. It is easily reached from the Eighth or Bleecker Street Stations on the Sixth Avenue Elevated, and from the Ninth Street Station on the Third Avenue Elevated, while the Broadway cars and the Brooklyn cars on Eighth Street pass within a few hundred feet of the University entrance on Waverly Place. The Astor Place station of the Subway is within three minutes' walk.

Certain class rooms on the eighth, ninth and tenth floors are set apart for the use of this school, and the library and reading rooms of the Uni-

versity Law School, the School of Pedagogy, and the School of Commerce are open also to students of the Collegiate Division on equal terms. The social room of the School of Pedagogy is open also to students of the Collegiate Division.

The class rooms, being on the three upper floors of the building, are above the noise and dust of the city, and the wide expanse of Washington Square assures abundant air and light.

University Heights is reached from downtown by any of the following routes: 1. By the Broadway subway to West 181st St. station (Manhattan), thence by Aqueduct Ave. trolley across Washington Bridge to the corner of the University campus at Aqueduct Ave. and East 181st St. (Bronx). 2. By Broadway Subway to West 207th St. Station (Manhattan), thence across University Heights Bridge and by private path to the right to campus, a walk of ten minutes. 3. To 155th Street thence by the Ogden Avenue trolley to campus. 4. By the Second or Third Avenue Elevated lines to East 177th Street, thence by trolley to corner of Aqueduct and Burnside Avenues. 5. By West Farms subway to 149th St., thence as in 4.

Students coming from Yonkers, Mount Vernon, or New Rochelle, or from points on the New Haven or Harlem Railroads, will find University Heights easily accessible by any of the Union Railway trolley lines.

The University and Bellevue Hospital Medical College is located at East Twenty-sixth Street and First Avenue.

Requirements for Admission

The requirements for admission are the successful completion of two years of college work equivalent to the completion of the Freshman and Sophomore years of section C of the University College, but the diploma of approved State Normal Schools of Class 1 will be accepted as fulfilling these admission requirements. Graduates of recognized professional schools of law, medicine, etc., will be admitted as conditioned students with forty-five hours to complete for the degree. Special students who cannot meet the admission requirements may be enrolled, but not as candidates for a degree.

Advanced standing may be secured upon the presentation of certificates for equivalent courses in other approved colleges or in the University Summer School. At least fifteen hours, however, must be taken in the University by candidates for the degree.

The unit of measure, the "hour," means one hour of class work a week throughout the collegiate year.

Requirements for Degrees

The degree of Bachelor of Science in pedagogy (B.S.) will be conferred at Commencement by the Chancellor upon the vote of the University Council. The Faculty will recommend for this degree properly qualified students who shall have completed and passed examinations in thirty (30) hours of approved work above the admission requirements, and who shall have filed with the Secretary notice of their candidacy prior to April 15. The degree is recognized by the Regents of the State of New York, and accepted by them as fulfilling all requirements of the registered baccalaureate degree. Holders of this degree, who have included in their college course certain courses in education, are granted a certificate to teach in the schools of the State of New York, good for three years.

The amount of work required for the degree (30 hours a week for one collegiate year) is equal to the usual requirements of the college courses for the Junior and Senior years. A year of resident work will consist of 15 hours a week, elected by the student, subject to approval by the Faculty. Many students will find it advisable, however, to elect less than 15 hours for the year's work and to take some of the courses in the University Summer School, or to devote more than two years to the work.

Fees

Matriculation Fee (paid once only),	-	-	-	-	\$5.00
Fee for Instruction and Examination :					
For a one-hour course, per year,	-	-	-	-	15.00
For a two-hour course, per year,	-	-	-	-	25.00
Laboratory fee in Biology and Anatomy,	-	-	-	-	5.00
Laboratory fee in Chemistry,	-	-	-	-	10.00
Deposit in Laboratory Chemistry (to be returned upon the surrender of apparatus and the payment of breakage),					2.00
Graduation and Diploma Fee,	-	-	-	-	10.00

For students taking courses amounting to twelve hours and not over fifteen hours, the fee for instruction is \$150.00 for the year. An additional charge at the rate of \$10.00 per hour will be made for courses in excess of fifteen hours.

All fees are to be paid to the Bursar of the University. No application for enrollment will be considered nor cards of admission to classes issued until the matriculation fee has been paid. One-half of the balance of fees for the year must be paid on or before October 15, and the other half on or before February 15. When the total amount of fees does not exceed \$25, the whole amount must be paid October 15.

Regulations Governing Matriculation and Enrollment

1. Students desiring to enter courses in the Collegiate Division for the first time, must fill out a blank form which will be furnished by the University, showing the qualifications of the candidate, and must file the same with the Secretary. If the application is satisfactory, the Secretary will forward to the applicant a matriculant's card, showing the exact standing of the student, and the number of courses which he must complete to receive a degree.

2. Applications for matriculation will be considered only when accompanied by an enrollment card showing proposed election of courses for the current year, and bearing the Bursar's receipt for the matriculation fee.

3. Students holding a matriculant's card who remain in continuous attendance need not repeat the application for matriculation in succeeding years, but are required to file a card showing election of courses for the current year. They will then receive an enrollment card, entitling them to admission to classes.

4. No student will be enrolled for first term courses after October 31, nor for second term courses after February 28, except by special action of the Faculty.

5. A matriculated student is held to remain in continuous attendance so long as such student enrolls and properly attends at least one course in each academic year.

6. Students will be considered candidates for a degree under the conditions prescribed for such candidacy at the time of their matriculation, provided they remain in continuous attendance; interruption of such attendance for one year entails re-matriculation. The rules in force at the time of such re-matriculation will govern the candidacy for the degree.

7. Students not qualified for matriculation may attend the courses as auditors, provided the permission of the instructor be obtained, and the usual enrollment and tuition fees be paid.

Regulations Governing the Election of Courses and Credit for the Same

1. Of the thirty hours required for the degree, at least five hours must be chosen from each of the three groups, viz., five hours from Group I, Language and Literature; five hours from Group II, Philosophy and History; five hours from Group III, Exact and Descriptive Sciences.

2. Of the thirty hours, a total of 15 hours must be chosen from the courses known as Senior courses, and designated in this bulletin by a †. Of these fifteen hours, four must be taken in one or more foreign languages.

All courses in the Graduate School open to students of the Collegiate Division except courses in Education are accepted as Senior courses in the fulfillment of this requirement.

3. Students electing courses designated as Senior courses in the Collegiate Division or other University Schools must in each case secure the consent of the instructor in charge.

4. Students who fail to attend seventy-five per cent. of the lectures of a course will not receive credit for the course except by special action of the Faculty. Unexcused absences amounting to less than twenty-five per cent. will be penalized by reduction in grade.

5. Credit for the first year courses in foreign languages will be allowed only to students who have pursued courses for at least two years in each of two foreign languages before matriculation, as shown by certificates submitted at the time of admission.

6. Conditioned students must complete four hours in the department of English in order to be eligible for the degree.

DEPARTMENTS OF INSTRUCTION

Courses in the Collegiate Division are arranged in three groups: I. Language and Literature; II. Philosophy and History; III. Exact and Descriptive Sciences.

In addition to these courses designed primarily for students of the Collegiate Division, students may elect certain courses in the four following Schools of the University: (1) The School of Pedagogy; (2) The Graduate School; (3) The School of Commerce, Accounts and Finance, and (4) The Summer School.

In making their election of courses students should notice, that in order to get a complete description of the courses on any subject open to them, they must consult the announcements of the other Schools of the University, as well as of the Collegiate Division. This arrangement with the graduate and professional schools of the University gives the student in the Collegiate Division opportunity to pursue advanced work and to specialize in certain subjects, to a much greater extent than is possible for a college student under ordinary conditions.

In accordance with the general rule of the University, students who are matriculants in the Collegiate Division are governed by the rules of the Collegiate Division, as to payment of fees, credits, etc., even when pursuing courses in other schools.

The capital letter placed before the number of a course shows the school in which the course is given; thus **Pr** (Pedagogy), **G1** (Graduate), **C1** (Commerce), **S1** (Summer School). Students in filing their election of courses should be careful to give the letter as well as the number and department of a course.

Senior courses are marked with a ‡. The consent of the instructor is required for admission to these courses. Pre-collegiate courses which are not accepted for credit for a degree are designated by small letters instead of numbers.

When no time is named, it is understood that the course will be given at such hours in the afternoon or evening, or on Saturday morning, as may best suit the convenience of students and instructor, to be agreed upon at the first meeting of the class. Notice will be given upon the bulletin board on the ninth floor, and also at the formal opening on Saturday, September 26, of the time and place of the first meeting of each class.

Members of the Faculty will be glad to consult with students and to advise them in their election of studies. As a rule it is desirable that the student map out a complete two years' course, upon entering, so that his work may be well proportioned and in proper sequence.

COURSE SCHEDULE.

Department	No.	Subject	Units of Credit	Hours of Lectures					Room	Instructor
				Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	
Greek.....	1	Beginners' Greek.....	2							Waters
	2	Xenophon.....	2							"
	3	Homer.....	2							"
	4	Greek Religion.....	2							"
	5	Greek Art.....	2							"
Latin.....	6	Greek Literature.....	2							"
	7	Greek History.....	2							"
	8	Precollegiate Latin.....	2							"
	9	Cicero.....	2							Riese
	10	Quintilian.....	2							"
English.....	11	Literature.....	2							"
	12	Cicero.....	2							Sibler
	13	Composition.....	2							Bouton
	14	Advanced Composition.....	2							Nason
	15	History of English Literature.....	2							Bouton
German.....	16	Argumentation.....	2							Hochkies
	17	XIX Century Poetry and Prose.....	2							Stoddard
	18	English Prose of the XIX Century.....	2							Bouton
	19	American Literature.....	2							Nason
	20	XVIII Century Poetry and Prose.....	2							Stoddard
French.....	21	Anglo-Saxon.....	2							"
	22	Shakespeare and Elizabethan Drama.....	2							Wilkins
	23	Introductory.....	2							McLouth
	24	Commercial German.....	2							"
	25	Readings in Poetry and Prose.....	2							McLouth
French.....	26	Readings in Schiller.....	2							"
	27	German Comedy.....	2							Wilkins
	28	Advanced Composition.....	2							McLouth
	29	Studies in Short Story Writers.....	2							"
	30	Romantic Operas of Wagner.....	2							"
French.....	31	Readings—Lessing.....	2							Cals
	32	Introductory.....	2							"
	33	Readings in Poetry and Prose.....	2							"
	34	German Comedy.....	2							"
	35	Advanced Composition.....	2							"

COURSE SCHEDULE—(CONTINUED.)

Department	No.	Subject	Units of Credit	Hours of Lectures					Room	Instructor
				Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	
French cont....	2	Intermediate.....	2	.....	.....	.....	.....	.....	9:15-11:15	Calkis
	C 1	Literature I.....	2	.....	.....	.....	.....	.....	9:15-11:15	"
Spanish.....	1	French Comedy.....	2	.....	.....	.....	.....	.....	.....	Gillett
	1	Introductory.....	2	.....	.....	.....	.....	.....	.....	"
Italian.....	C 1	Advanced.....	2	.....	.....	.....	.....	.....	.....	.....
	C 2	Conversational Spanish.....	2	.....	.....	.....	.....	.....	.....	.....
	1	Second Year Spanish.....	2	.....	.....	.....	.....	.....	.....	.....
	2	Elementary.....	2	.....	.....	.....	.....	.....	.....	.....
Philosophy.....	3	Grammar and Composition.....	2	.....	.....	.....	.....	.....	.....	Brigida
	4	Advanced Course.....	2	.....	.....	.....	.....	.....	.....	"
	2	Dante.....	2	.....	.....	.....	.....	.....	.....	Lough
	P 3	Psychology.....	2	.....	.....	.....	.....	.....	.....	MacDougall
	P 3	Introduction to Philosophy.....	2	.....	.....	.....	.....	.....	.....	"
	P 22	Psychology of Art.....	2	.....	.....	.....	.....	.....	.....	Shaw
	P 13	Educational Psychology.....	2	.....	.....	.....	.....	.....	.....	Lough
	P 15	History of Modern Philosophy.....	2	.....	.....	.....	.....	.....	.....	MacDougall
	P 14	Logic.....	2	.....	.....	.....	.....	.....	.....	"
	P 15	Genetic Psychology.....	2	.....	.....	.....	.....	.....	.....	Lough
	GXIV	Ethics.....	2	.....	.....	.....	.....	.....	.....	MacDougall
	GXIX	Systematic Psychology.....	2	.....	.....	.....	.....	.....	.....	"
Education.....	GXX	Experimental Psychology.....	2	.....	.....	.....	.....	.....	.....	Lough
	GXI	Philosophy of Religion.....	2	.....	.....	.....	.....	.....	.....	MacDougall
	GXXIV	History, Anc. and Med. Philosophy.....	2	.....	.....	.....	.....	.....	.....	Shaw
	GIX	Epistemology.....	2	.....	.....	.....	.....	.....	.....	Lough
Sociology.....	P 16	History of Education.....	2	.....	.....	.....	.....	.....	.....	Shaw
	P 16	Sociology.....	2	.....	.....	.....	.....	.....	.....	"
	G 1	Social Issues.....	2	.....	.....	.....	.....	.....	.....	Lough
	G 1	Social Problems.....	2	.....	.....	.....	.....	.....	.....	Gordy
Economics.....	G 1	Principles.....	2	.....	.....	.....	.....	.....	.....	MacDougall
	G 1	Anthropology.....	2	.....	.....	.....	.....	.....	.....	W. H. Lough
	C 1	Elementary.....	2	.....	.....	.....	.....	.....	.....	Binder
	C 12	Economic Problems.....	2	.....	.....	.....	.....	.....	.....	"
				.....	.....	.....	.....	.....	.....	Johnson

COURSE SCHEDULE—(CONTINUED.)

Department	No.	Subject	Units of Credit	Hours of Lectures					Room	Instructor
				Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	
Economics cont.	C10, 10a	Industrial History.....	2	14.45						Galloway
	C7	Transportation.....	1	17.45						W. H. Lough
	C9	Panics and Depressions.....	1		17.48					Johnson
Finance.....	C1	History of Political Economy.....	2	14						W. H. Lough
	C2	Corporation Finance.....	2	17.45						Johnson
	C3	Money and Credit.....	2	17.45						"
	C4	Banking.....	2	7.48						"
	C5	".....	2	17.48						Conant
	C6	Banking in Europe.....	2	17.48						Brown
History.....	1	Europe in History.....	2						11.15	Jackson
	2	Modern Church History.....	2		14				9.15	Gordy
	3	United States 1890-1896.....	2							"
	4	" " 1896-1884.....	2		17					Edmondson
Mathematics...	C11	Financial History.....	2				17		9.15	Schulze
	1	Algebra.....	2							"
	2	Solid Geometry.....	2							Edmondson
	3	Trigonometry.....	2							"
	4	Analytic.....	2							Edmondson
	5	Calculus.....	2							"
Chemistry.....	1	Introductory.....	1						10.15	Simmons
	2	Chemistry of Daily Life.....	1						11.15	"
	3	Laboratory.....	1							Hill
	4	".....	1							"
Physics.....	1	General Physics.....	2							Hering
	2	Laboratory.....	2	1.15						"
	3	General Physics.....	2							"
	4	General Physics.....	2							Bristol
Biology.....	1a	Zoology.....	1							"
	2	Physiology.....	1							"
	3	Organic Evolution.....	1							"
	4	Advanced Zoology.....	2							"
	5	Experimental Physiology.....	2							Murlin

‡ Credited as Senior Courses. 1=and following hour, 2-45=First Term only, 2-48=Second Term only, L=Law School, G=Graduate School, P=School of Pedagogy, C=School of Commerce, U. H.=University Heights, M. C.=Medical College.

X

**THE UNIVERSITY AND BELLEVUE
HOSPITAL MEDICAL COLLEGE**

ANNOUNCEMENTS FOR 1908-1909

FACULTY OF MEDICINE

HENRY M. MACCRACKEN, D.D., LL.D.,
Chancellor of the University

A. ALEXANDER SMITH, M.D., LL.D.,
Professor of Principles and Practice of Medicine and Clinical Medicine

ROBERT J. CARLISLE, M.D., CHIEF OF CLINIC

HERMANN M. BIGGS, M.D.,
*Secretary ; Professor of Clinical Medicine, and Adjunct Professor of
Principles and Practice of Medicine*

JOHN H. HUDDLESTON, M.D., CHIEF OF CLINIC

JOSEPH D. BRYANT, M.D., LL.D.,
*Professor of the Principles and Practice of Surgery, Operative and
Clinical Surgery*

WALTER C. CRAMP, M.D., CHIEF OF CLINIC

AUSTIN FLINT, JR., A.M., M.D.,
Professor of Obstetrics and Clinical Professor of Gynecology

GEORGE D. STEWART, M.D.,
Professor of Anatomy and Clinical Surgery

EGBERT LE FEVRE, M.D.,
Dean ; Professor of Therapeutics and Clinical Medicine

SAMUEL A. BROWN, M.D., CHIEF OF CLINIC

GRAHAM LUSK, PH.D., Sc.D., F.R.S. (EDIN.)
Professor of Physiology

JOHN A. MANDEL, Sc.D.,
Professor of Chemistry

WILLIAM H. PARK, M.D.,
Professor of Bacteriology and Hygiene

GEO. B. WALLACE, M.D.,
Professor of Pharmacology

RICHARD M. PEARCE, M.D.,
Professor of Pathology

EDWARD K. DUNHAM, M.D.,
Emeritus Professor of Pathology

HENRY C. COE, M.D.,
Professor of Gynecology

WILLIAM E. STUDDIFORD, M.D., CHIEF OF CLINIC

JOHN DOUGLAS, M.D., CHIEF OF CLINIC

F. TILDEN BROWN, M.D.,
Professor of Genito-Urinary Surgery

ALFRED T. OSGOOD, M.D., CHIEF OF CLINIC

HENRY G. PIFFARD, M.D., LL.D.,
Emeritus Professor of Dermatology

PRINCE A. MORROW, M.D.,
Emeritus Professor of Genito-Urinary Diseases

EDWARD D. FISHER, M.D.,
Professor of Mental and Nervous Diseases

FRANCIS A. SCRATCHLEY, M.D., CHIEF OF CLINIC

FRANCKE H. BOSWORTH, M.D.,
Emeritus Professor of Diseases of the Throat

BEVERLY ROBINSON, M.D.,
Clinical Professor of Medicine

WILLIAM P. NORTHRUP, M.D.,
Professor of Pediatrics

ROWLAND G. FREEMAN, M.D., CHIEF OF CLINIC

CARLOS F. MACDONALD, M.D.,
Emeritus Professor of Mental Diseases and Medical Jurisprudence

JOHN A. FORDYCE, M.D.,
Professor of Dermatology and Syphilology

WILLIAM B. TRIMBLE, M.D., CHIEF OF CLINIC

EDWARD B. DENCH, M.D.,
Professor of Otology

PHILIP D. KERRISON, M.D., CHIEF OF CLINIC

CORNELIUS G. COAKLEY, M.D.,
Professor of Laryngology

WILLIS E. FORD, M.D.,
Professor of Electro-Therapeutics

CHARLES E. QUIMBY, M.D.,
Clinical Professor of Medicine

REGINALD H. SAYRE, M.D.,
Clinical Professor of Orthopedic Surgery

FILIP J. WETTERVIK, CHIEF OF CLINIC

JASPER J. GARMANY, M.D.,
Clinical Professor of Surgery

WILLIAM C. LUSK, M.D.,
Professor of Clinical Surgery, and Lecturer on Diseases of the Rectum

MAJOR LOUIS A. LA GARDE, M.D., U.S.A.,
Professor of Military Surgery

JOHN E. WEEKS, M.D.,
Professor of Ophthalmology

HARLOW BROOKS, M.D.,
Assistant Professor of Clinical Medicine

HENRY M. SILVER, M.D.,
Clinical Professor of Surgery

JULIUS A. BECKER, M.D.,
Professor of Practical Anatomy

W. E. STUDDIFORD, M.D.,
Adjunct Professor of Gynecology

PARKER SYMS, M.D.,
Clinical Professor of Surgery

HERMANN A. HAUBOLD, M.D.,
Clinical Professor of Surgery and Demonstrator of Operative Surgery

J. R. MURLIN, Ph.D.,
Assistant Professor of Physiology

ALVAH H. DOTY, M.D.,
Lecturer on Quarantine Sanitation

WILLIAM A. PURRINGTON, ESQ.,
Lecturer on Law in Relation to Medical Practice

WILLIAM MABON, M.D.,
Lecturer on Mental Diseases

ROBERT J. CARLISLE, M.D.,
Lecturer on Medicine

CHARLES H. LEWIS, M.D.,
Clinical Lecturer on Medicine

JOHN VAN DER POEL, M.D.,
Clinical Lecturer on Genito-Urinary Diseases

ROWLAND G. FREEMAN, M.D.,
Clinical Lecturer on Pediatrics

SAMUEL A. BROWN, M.D.,
Corresponding Secretary and Lecturer on Medicine

ROBERT J. WILSON, M.D.,
Lecturer on Bacteriology

PHILIP D. KERRISON, M.D.,
Clinical Lecturer on Otology

CHARLES B. SLADE, M.D.,
*Lecturer on Life Insurance Examination and Instructor in
Physical Diagnosis*

ROBERT C. JAMES, M.D.,
Lecturer on Obstetrics

HENRY W. WANDLESS, M.D.,
Lecturer on Ophthalmology

FRANCIS A. SCRATCHLEY, M.D.,
Lecturer on Nervous Diseases and Electro-Therapeutics

EBEN FOSKETT,
Clinical Lecturer on Gynecology

EUGENE W. CALDWELL, M.D.,
Director Edward N. Gibbs Memorial X-Ray Laboratory

W. A. CHISHOLM, M.D.,
Clinical Lecturer on Laryngology

Special appointment for 1908-9:

J. B. LEATHES,
*Lecturer on Physiology, Medical School of St. Thomas' Hospital,
London, England*
Herter Lecturer on Pathological Chemistry

INSTRUCTORS AND DEMONSTRATORS

JOHN H. HUDDLESTON, M.D., *Instructor in History Taking; Clinical Registrar*

GEORGE L. BRODHEAD, M.D., *Instructor in Obstetrics*

W. J. PULLEY, M.D., *Instructor in Medicine*

P. S. BOYNTON, M.D., *Demonstrator of Anatomy*

JULIUS A. BECKER, M.D., *Instructor in Bandaging and Surgical Dressing*
 JOHN DOUGLAS, M.D., *Instructor in Surgery*
 WILLIAM B. TRIMBLE, M.D., *Instructor in Dermatology*
 MATTHIAS NICOLL, JR., M.D., *Clinical Instructor in Pediatrics*
 ELI LONG, M.D., *Clinical Instructor in Pediatrics.*
 G. REESE SATTERLEE, M.D., *Instructor in Histology and Embryology*
 WM. M. FORD, M.D., *Instructor in Surgery*
 ALFRED T. OSGOOD, M.D., *Instructor in Genito-Urinary Diseases*
 EDWARD S. MCSWEENEY, M.D., *Demonstrator of Anatomy*
 STANLEY D. CURRAN, M.D., *Instructor in Physical Diagnosis*
 ARTHUR R. MANDEL, M.D., *Instructor in Applied Pathology*
 ALBERT S. MORROW, M.D., *Instructor in Obstetrics*
 A. I. RINGER, M.D., *Instructor in Pharmacology*
 FAXTON E. GARDNER, M.D., *Instructor in Genito-Urinary Diseases*
 G. M. MACKEE, M.D., *Clinical Instructor in Dermatology*
 JOHN MCCOY, M.D., *Instructor in Laryngology*
 CHARLES J. ROBINSON, PH.D., *Instructor in Chemistry*
 WALTER C. CRAMP, M.D., *Instructor in Surgery*
 B. C. CROWELL, M.D., *Instructor in Pathology*
 SAMUEL K. FROST, M.D., *Instructor in Otology*
 PERRY B. HOUGH, M.D., *Instructor in Ophthalmology*
 H. P. SAWYER, M.D., *Instructor in Pathology*
 HENRY L. LYNNAH, M.D., *Instructor in Contagious Diseases*
 C. F. CLAASSEN, M.D., *Instructor in Therapeutics*
 E. J. RICHARDSON, M.D., *Instructor in Contagious Diseases*

ASSISTANTS

L. Y. LIPPINCOTT, M.D., } *Assistants to the Chair of Practice of*
 H. F. SWIFT, M.D., } *Medicine*
 JOHN R. KNAPP, M.D., *Assistant to the Chair of Mental Diseases*
 FRANK W. SHIPMAN, M.D., *Assistant in Bacteriology*
 SAMUEL ROSENBERG, M.D., *Assistant to the Chair of Nervous Diseases*
 MARCUS NEUSTAEDTER, M.D., *Assistant to Chair of Nervous Diseases*
 ALBERT E. SELLENINGS, M.D., *Assistant Demonstrator of Anatomy*
 E. C. FLEISCHNER, M.D., *Assistant to the Chair of Pediatrics*
 JAMES P. HUNT, M.D., *Assistant in Physical Diagnosis*
 A. J. HUEY, M.D., *Assistant in Laryngology*
 CHAS. P. GRAY, M.D., *Assistant Demonstrator in Anatomy*
 STANLEY BRADY, M.D., *Assistant to Chair of Pediatrics*
 PALMER A. POTTER, M.D., *Assistant to Chair of Pediatrics*
 JOHN A. ROBINSON, M.D., *Assistant to Chair of Otology*
 L. W. FAMULENER, M.D., *Assistant to Chair of Bacteriology*
 W. MORGAN HARTSHORN, M.D., *Assistant in Histology and Embryology*
 MINER C. HILL, M.D., *Assistant in Pathology*
 ROBERT H. HUTCHINSON, *Assistant in Histology*
 LEROY P. VAN WINKLE, *Assistant in Histology*
 W. E. CALDWELL, M.D., *Assistant to the Chair of Obstetrics*
 E. ROSS FAULKNER, M.D., *Assistant Demonstrator of Anatomy*
 ARTHUR M. WRIGHT, M.D., *Assistant Demonstrator of Anatomy*
 JOSEPH V. STANDISH, *Clerk*
 WILLIAM E. GADEY, *Superintendent of Buildings*

THE COLLEGE CLINIC

Department of Medicine

Chiefs of Clinic

WILLIAM J. PULLEY, M.D., CHARLES B. SLADE, M.D.

Attending Physicians

P. D. SHULTZ, M.D., S. D. CURRAN, M.D.,
O. L. MULOT, M.D., E. LEVY, M.D.

Assistant Attending Physicians

N. N. STARK, M.D., F. L. NELSON, M.D.,
M. KUTSCHER, M.D., J. P. HUNT, M.D.

Department of Surgery

Chiefs of Clinic

ERNEST FAHNESTOCK, M.D., ARTHUR G. KEANE, M.D.

Attending Surgeons

C. S. JAMES, M.D., WALTER C. CRAMP, M.D.,
ROYAL A. MCCUNE, M.D.

Assistant Attending Surgeons

E. R. FAULKNER, M.D., R. G. MOORE, M.D.,
C. K. STILLMAN, M.D., J. F. NELSON, M.D.,
C. B. MITTELSTAEDT, M.D.

Department of Gynæcology

Chief of Clinic

W. E. STUDDIFORD, M.D.

Attending Gynecologists

V. FREDRICKSON, M.D., F. C. HECKEL, M.D.

Department of Diseases of Children

Chief of Clinic

ROWLAND G. FREEMAN, M.D.

Attending Physicians

ELI LONG, M.D., MATTHIAS NICOLL, JR., M.D.,
STANLEY BRADY, M.D., E. C. FLEISCHNER, M.D.

Assistant Attending Physicians

PALMER A. POTTER, M.D., F. O. GARRISON, M.D.

Department of Neurology*Chief of Clinic*

F. A. SCRATCHLEY, M.D.

Attending Neurologists

J. B. GERE, M.D.,

WM. STEINACH, M.D.

Assistant Attending Neurologists

SAMUEL ROSENBERG, M.D.

MARCUS NEUSTAEDTER, M.D.

Department of Laryngology*Chief of Clinic*

PROFESSOR C. G. COAKLEY, M.D.

Attending Laryngologists

W. A. CHISHOLM, M.D.,

JOHN MCCOY, M.D.

Assistant Attending Laryngologists

A. J. HUEY, M.D.,

JAMES S. ENNIS, M.D.,

JOSEPH COLEMAN, M.D.

Clinical Assistant

MAX FELDMAN, M.D.

Department of Dermatology*Chief of Clinic*

W. B. TRIMBLE, M.D.

Attending Dermatologists

E. P. MCGAVOCK, M.D.,

G. M. MACKEE, M.D.

Assistant Attending Dermatologists

E. C. JAGLE, M.D.,

J. ADELSON, M.D.,

J. J. ROTHWELL, M.D.,

PERCY D. LITTLEJOHN, M.D.,

J. L. KIRBY-SMITH, M.D.,

JOHN REMER, M.D.

Department of Genito-Urinary Diseases*Chief of Clinic*

JOHN VAN DER POEL, M.D.

Attending Surgeons

W. E. BAILEY, M.B., B.Sc. (Edin.), FAXTON E. GARDNER, M.D. (Paris)

Assistant Attending Surgeons

B. FRANK, M.D.,

C. N. BANKER, M.D.,

I. R. WHITING, M.D.

Nurse

W. M. DELAVAN

Department of Ophthalmology*Chief of Clinic*

HENRY W. WANDLESS, M.D.

Attending Ophthalmologists

W. H. HOLZAPFEL, M.D.,

PERRY B. HOUGH, M.D.

Assistant Attending Ophthalmologist

W. G. BOWERMAN, M.D.

Clinical Assistants

F. H. DAVID, M.D.

H. M. WALLACE, M.D.

Department of Otology*Chief of Clinic*

P. D. KERRISON, M.D.

Attending Otologist

SAMUEL K. FROST, M.D.

Department of Diseases of the Rectum*Chief of Clinic*

PROFESSOR WM. C. LUSK, M.D.

Attending Surgeon

E. S. MCSWEENEY, M.D.

Assistant Attending Surgeon

E. I. HUPPERT, M.D.

Department of Orthopædic Surgery*Chief of Clinic*

PROFESSOR R. H. SAYRE

Attending Surgeon

FILIP WETTERVIK, M.D.

Apothecary

F. C. RAYMOND

Assistant Apothecary

W. H. WEYGANDT

Nurse

MISS MARY M. MOONEY

Assistant Nurses

MRS. S. A. FERRIS

MISS CARRIE ROBINSON

Masseur

T. A. MELANDER

Masseuse

MISS HELEN HILF

General Announcement

The University and Bellevue Hospital Medical College was established in its present form and became an integral part of New York University in 1898 by the union of the University Medical College and Bellevue Hospital Medical College. The former was founded in 1841 and the latter in 1861.

The graduates of the former colleges, as well as graduates of the present consolidated college, have been placed on the records of New York University and are entitled to all the advantages of University Alumni (See page 76).

The object of the Faculty is now, as it was in the older schools, the professional training of men, most of whom are to devote their energies to the actual practice of medicine. The college will therefore steadfastly adhere to the principles of practical medical education, endeavoring to fit its graduates for the practice of medicine on the basis of a thorough scientific training.

The curriculum has been arranged so as to present a carefully graded course of four years. The work of each year is thoroughly systematized, and correlated subjects are taken up in their proper order. The advantage of a close personal relationship between the members of the Faculty and the individual members of the classes is recognized, and the instruction is so arranged that this relationship may be established to the fullest extent possible.

Clinical and bedside teaching in the college clinic and in the wards of the hospital, systematic section teaching in the practical departments and practical work in the special subjects are emphasized to the greatest possible degree, being conjoined with, and founded upon, practical laboratory work, recitations, and didactic teaching. The completion of the new laboratory building and the enlargement of the college clinic allow of a still further extension of laboratory and clinical courses.

The session for 1908-1909 begins on Wednesday, September 30, 1908. The college occupies at present three large buildings situated on the corner of First Avenue and Twenty-sixth Street, diagonally opposite the entrance of Bellevue Hospital. They are easily reached by surface cars from any part of the city.

I. College Building

This building was erected by the Faculty of the Bellevue Hospital Medical College in 1897 and 1898 to meet the demands for the larger classes and the increase in the curriculum. It was transferred to the New York University at the time of the consolidation of the two schools.

This building is situated on the corner of First Avenue and Twenty-sixth Street and adjoins the Carnegie Laboratory, and the New Laboratory Building, with which it is connected. The site is particularly fortunate, as it is well lighted both from the Avenue and Twenty-sixth Street. It is diagonally opposite the grounds of Bellevue Hospital and convenient to the Department of Charities pier, at the foot of East Twenty-sixth Street, from which boats connect the city with the large institutions on Blackwell's, Ward's, and Randall's Islands.

The building is six stories high. The ground floor accommodates part of the college clinic for the outdoor sick poor. The building also contains two large and splendidly lighted lecture rooms.

The Department of Physiology occupies the Fourth Floor. The completion of the New Laboratory Building has allowed of the enlargement of the General Laboratory which has been equipped with new tables and apparatus for the use of the students in the courses of Practical Physiology.

The Department of Pathology occupies the Fifth Floor. It contains numerous small research laboratories, balance rooms and a laboratory for research work in Pathological Chemistry, also a pathological museum which is open to students and to graduates in medicine. Working libraries form portions of the equipment in the Departments of Physiology and Pathology, and are accessible to the students.

The Anatomical Department occupies the top floor, which contains a spacious and well-lighted and ventilated dissecting room, demonstration rooms, rooms for prosecting and for the preparation of anatomical specimens and an anatomical museum. There is also a bone room and an anatomical study room for the use of students.

The removal of some of the class room laboratories to the New Laboratory Building allows of immediate additions to the physiological and pharmacological laboratories and the pathological museum, and furnishes greater facilities for research workers.

The experience of the preceding sessions, during which time the building has been in use, has demonstrated its admirable adaptation to the purposes for which it was planned.

II. Carnegie Laboratory

The Carnegie Laboratory, the generous gift to the Bellevue Hospital Medical College of Mr. Andrew Carnegie, is situated at Nos. 338 and 340 East Twenty-sixth Street, adjoining and communicating with the New College building.

It is a five-story building devoted to instruction and investigations in pharmacology, bacteriology, hygiene and other subjects affiliated

with medicine. There is one large auditorium for didactic teaching; a special laboratory for experimental pharmacology; commodious quarters for the department of bacteriology and a number of smaller rooms devoted to the work of preparation for the instruction of the college classes.

III. New Laboratory Building

The council of the New York University, on the recommendation of the faculty of medicine, has erected a six-story edifice adjoining and harmonizing in its architecture with the main college building. It will furnish needed accommodations for the increasing number of students, and render possible a further extension and elaboration of the laboratory work.

The first floor of the new building and part of the second are occupied by an extension of the College Clinic. This gives greatly needed room for the treatment of the sick poor, and the clinical teaching in the different departments. The second floor is used for laboratories of clinical chemistry and microscopy, for the examination of specimens sent from the college clinic, and from the medical and surgical services of the college in Bellevue Hospital. Students of the third- and fourth-year classes have regularly assigned work in this laboratory and are thoroughly trained in the methods of clinical diagnosis. The third, fourth and fifth floors are occupied by large class room laboratories devoted respectively to normal and pathological histology, bacteriology and applied pathology and chemistry. These laboratories are connected with the research laboratories and general preparation rooms in the main college building.

The class-room laboratories thus provided are large and commodious, admirably lighted from two sides, and afford exceptional facilities for teaching purposes. The sixth floor accommodates the increasing work in anatomy, experimental surgery and operative surgery on the cadaver.

College Clinic

The College Clinic occupies the ground floor of the main college building, and the first floor and part of the second floor of the New Laboratory Building. There are classes for the treatment of general medical and surgical cases and of diseases of the eye, ear, nose, throat and skin, diseases of women and children, and venereal and nervous diseases, etc. The Clinic is one of the largest, if not the largest clinic in New York City for the treatment for the out-door sick poor. During the past year over 100,000 cases were treated. This statement affords a good

indication of the almost unlimited amount of clinical material which is available for the students of this college for clinical instruction and study. The hour cards for the third- and fourth-year classes are so arranged that in addition to the stated clinics the students are daily occupied in practical clinical work in the College Clinic and in Bellevue Hospital.

Bellevue Hospital

A large number of the general clinics and most of the bed-side teaching to the fourth-year class are given in the wards of Bellevue Hospital.

The members of the Faculty, who are attending physicians and surgeons to the Hospital, hold regular clinics in the large amphitheatre, and small sections of the classes are taken into the wards where the students are required to examine patients suffering from various medical and surgical diseases. Students of the fourth-year class are also regularly assigned to the care of cases in the wards under the supervision of the attending and house staffs.

The Hospital itself is one of the largest in this country and has always been distinguished for the abundance of its clinical material. The Board of Estimate of New York City has, however, recently authorized a large appropriation for the erection of a new Bellevue Hospital. Plans for the new building have been drawn and the Trustees of the Hospital have commenced the erection of the new pavilions. When completed it will have accommodations for nearly 2,000 patients. The estimated cost is over \$8,000,000.

Requirements for Admission

General Requirements

1. Candidates for the degree of M.D. must furnish satisfactory evidence of good moral character.
2. No entrance examinations are conducted at this College, but all students who matriculate with the intention of becoming candidates for the degree of doctor of medicine must obtain a "Medical Student's Certificate" according to *the rules and regulations of the Education Department of the State of New York*. (See page 64.)
3. Students desiring to do special work may matriculate at any time during the year as special students. Such applicants, however, cannot subsequently become candidates for graduation at this College without full compliance with the terms of admission and graduation as set forth in this catalogue.

Registration and Matriculation

Students on entering the College will be required to register and to pay the registration fee of \$5. They will receive a receipt for this fee. Students who have already been matriculated at a medical college in the State of New York, according to the Regents' requirements and those who already hold medical-student certificates will be matriculated immediately on registration.

Admission to Advanced Standing*

(a) REQUIREMENTS FOR ADMISSION TO ADVANCED STANDING IN THE FIRST YEAR

Graduates in Arts or Science of a college recognized by this University, including colleges of Pharmacy and Dentistry, who have taken either a preparatory medical course or special courses in organic and inorganic chemistry, physics, physiology, or bacteriology, will be given credit for the work which they have done and will be excused from the lectures and recitations upon these subjects and from the exercises of the chemical laboratory in the first year provided they pass satisfactory examinations before the professors of these departments. This arrangement will enable such students to give more time to dissection and advanced laboratory work.

Students who have had training in microscopical technique or in histology will be given advanced work in the histological laboratory.

(b) REQUIREMENTS FOR ADMISSION TO THE SECOND YEAR

Students who fulfill the following requirements may enter the Second Year :

1. An amendment to the medical law passed by the Legislature of 1902 provides that the Regents may in their discretion accept as the equivalent of the first year of the four-year medical course evidence of graduation from a registered academic college course, provided that such college course shall have included not less than the minimum requirements prescribed by the Regents for such admission.

Students who desire to avail themselves of this exemption can obtain detailed information concerning the requirements prescribed by the Regents and the necessary blanks by applying to the N. Y. State Education Department, Albany, N. Y.

* Students will not be admitted to advanced standing if they have not satisfactorily completed the work in the colleges at which they have taken their previous courses.

Students who have attended one or more courses in other medical colleges will be admitted to advanced standing in this College under the following conditions :

2. They must present evidence of having satisfactorily completed one full course of instruction in a registered medical college.
3. They must present evidence of having satisfactorily completed laboratory courses in Normal Histology, Chemistry, Bacteriological Technique, and Dissection, approximately equivalent to those included in the curriculum of this College during the first year, and,
4. They must pass examinations upon Anatomy, Physiology, Chemistry, and Normal Histology, similar to those taken by the students of the class to which they seek admission unless the credentials from the college where previous work has been done are accepted by the Faculty.

(c) REQUIREMENTS FOR ADMISSION TO THE THIRD YEAR

Students who fulfill the following requirements may enter the Third Year without conditions :

1. They must present evidence of having satisfactorily completed two full courses of instruction in an accredited medical college.
2. They must present evidence of having satisfactorily completed laboratory courses in Normal and Pathological Histology, Bacteriological Technique, Chemistry, Materia Medica, and Pharmacology, approximately equivalent to the courses included in the curriculum of this College, and they must also have completed two courses in Dissection, and
3. They must pass examinations in Anatomy,* Physiology,* Chemistry,* Pharmacology, General Pathology, and Normal and Pathological Histology, similar to those taken by the students of the class to which they seek admission unless the credentials from the college where previous work has been done are accepted by the Faculty.

(d) REQUIREMENTS FOR ADMISSION TO THE FOURTH YEAR

The requirements for admission to the Fourth Year are the same as those for admission to the Third Year, with the following additional requirements :

1. Students must present evidence of satisfactory completion of three full courses of instruction in an accredited medical college, including one course of instruction on the Theory and Practice of Medicine, the Theory

* Students who have passed in the subjects of anatomy, chemistry, physiology before the Licensing Board of the State of New York are exempt from further examination in these subjects. (See page 65.)

and Practice of Surgery, Therapeutics, Obstetrics, Gynecology, and Therapeutics.

2. Evidence of practical instruction in Clinical Microscopy and Gross Pathology approximately equivalent to the courses in these subjects required in the curriculum of this College.

(c) REQUIREMENTS FOR ADMISSION TO SPECIAL COURSES

Graduates in medicine, or students who desire to pursue a special course and are not candidates for a degree, are admitted to registration as special students without the Regents' or other preliminary examination. Such special courses do not count in any way as a part of the four years' course of instruction, etc., required of candidates for the degree of doctor of medicine. Further information regarding such courses, fees, etc., may be obtained on application.

Examinations for admission to advanced standing will be held at Carnegie Laboratory, 338 East Twenty-sixth Street, New York, on September 29-30, 1908.

Requirements for Advancement in Course

Students are advanced from one year to the next upon passing satisfactory examinations at the close of the session. As in the academic departments of universities, the work of each year is considered final. There is no unnecessary repetition of subjects taught from year to year. Students who fail to pass the examination satisfactorily at the close of any year may be conditioned or rejected. If conditioned, an opportunity is afforded at the beginning of the next college year to make up these conditions. A student who fails on re-examination to remove conditions may be allowed to pass on to the next year if his general average in the other subjects of the year is sufficiently high to entitle him to this privilege, otherwise he must repeat the work of the year. If rejected the entire work of the year must be repeated. A student who has been once rejected in his examinations, and again fails, after repetition of the work, will be ineligible to further instruction in this College.

Requirements for Graduation. Session 1908-1909

Students who have completed all of the work required in the first three years, and have been admitted to the fourth-year class, may become candidates for graduation under the following conditions :

1. They must have followed the regular curriculum for the fourth year.
2. They must, as required by law, have reached the age of twenty-one years, and must file satisfactory certificates of good moral character and of four years' study of medicine. (Blank forms of certificates

of study, including the certificate of age and of moral character, will be furnished by the Secretary on application.)

3. They must have filed a certificate from a regular physician in good standing or from a recognized institution, that they have attended at least six cases of labor.

4. They must have filed with the Corresponding Secretary of the Faculty the Regents' Medical Students' Certificate as evidence of having complied with the requirements for admission. (See page 64.)

Candidates are examined on the following subjects: Medicine, Surgery, Obstetrics, Gynæcology, Pediatrics, and Therapeutics, and on the special branches of Medicine and Surgery. (See page 26.)

Candidates who are graduates of other accredited colleges are examined the same as undergraduates, and must fulfill all the requirements demanded of undergraduates.

Course of Study

The course of study required of all students who are candidates for the degree of M.D. extends over four years.

The session will begin Wednesday, September 30, 1908, and will continue until June, 1909.

All work in the curriculum set forth below in outline is required unless especially marked as optional.

The right is reserved to make at any time such alterations or additions to this curriculum as may be found desirable or necessary.

When instruction in any subject is continued for two or more years, the instruction given in each year is different, and students are required to pass satisfactory examinations at the end of each session before taking up the work of the following year.

The Faculty reserves the right to terminate the connection of any student with the institution *at any time* on the ground of what it regards as moral or mental unfitness for the profession, or improper conduct while connected with the College.

Schedules of the exercises for each year are distributed at the beginning of the session.

An Elective Five-Year Course

The courses in medicine in Great Britain and on the Continent comprise from five to seven years' study. The curriculum of the present four-year course in this country is becoming each year more and more crowded, and a further extension of the time required for graduation in

medicine must certainly soon come. The faculty of medicine, with a view to a required fifth year being added to the curriculum in the future, have arranged for an elective fifth-year course. The interne services in the various hospitals, now so commonly taken by the graduates in medicine in New York City, are more than the equivalent for the additional years required in medical study in Europe, but these positions are limited in number and many students are compelled to forego their advantages. It is believed that if the hospital internes were enrolled in an elective course for systematic study and reading under the direction of the college faculty, the value of their hospital experience would be greatly increased.

Students of this college, who so elect, at the termination of their three and four-year work at this institution may register for the elective fifth year. This may be taken at the college, and in this case the curriculum for the fourth and fifth years will be especially arranged for this purpose, a large amount of optional clinical and laboratory work will be provided; or a hospital interne may follow a course of prescribed work in reading, while performing his hospital duties. Before a degree for this five-year course is conferred, examination on prescribed lines must be passed, and a thesis, embodying original observations or research in some department of medicine, must be submitted.

Outline of the Curriculum

First Year

ANATOMY.

Lectures, one a week throughout the session.

Recitations, two a week, in sections, throughout the session.

Demonstrations, three a week, in sections, throughout the session.

Practical work in dissection and osteology, averaging fifteen hours a week.

NORMAL HISTOLOGY AND EMBRYOLOGY.

Lectures, one a week throughout the session.

Laboratory work, two two-hour exercises a week throughout the session.

Recitations, one a week throughout the session.

PHYSIOLOGY.

Lectures, three a week in the second half of the session.

Recitations, one a week, in sections, during the second half of the session

CHEMISTRY.

- Lectures, four a week throughout the session.
- Recitations, two a week throughout the session.
- Laboratory work, six hours a week, in sections, throughout the session.

BACTERIOLOGICAL TECHNIQUE.

- Laboratory work, four hours a week during half of the session.

Standing of a Student at the End of the First Year

The standing of a student at the end of the first year is determined by :

- (a) A written examination on the topics covered by the courses of instruction in Anatomy, Physiology, Chemistry and Physics, Histology and Embryology, and Bacteriology.
- (b) A practical examination in Anatomy and the Laboratory Courses given.
- (c) A record of his practical work and recitations.

Second Year

ANATOMY.

- Lectures, two a week throughout the session.
- Recitations, one a week, in sections, throughout the session.
- Demonstrations, two a week, in sections, throughout the session.
- Practical work in dissection, etc., averaging fifteen hours a week.

PHYSIOLOGY.

- Lectures, six a week in first half of the session.
- Recitations, two a week during first half of the session.
- Laboratory work, six hours each week during first half of the session.
- Conferences during last half of the session.

PHYSIOLOGICAL CHEMISTRY AND TOXICOLOGY.

- Lectures, two a week throughout the session.
- Recitations, one a week throughout the session.
- Laboratory work, six hours a week throughout the second term.

PATHOLOGY.

- Lectures, one a week throughout the session.
- Recitations, one a week throughout the session.
- Laboratory work, three hours a week throughout the session.
- Lantern Demonstration, one a week throughout the session.

MATERIA MEDICA AND PHARMACOLOGY

Lectures, four a week throughout the second half of the session.

Recitations, two a week throughout the second half of the session.

Laboratory work, one three-hour exercise a week for five weeks in the first half and throughout the second half of the session.

BANDAGING AND SURGICAL DRESSING.

Practical work, one hour a week, in sections, during first half of the session.

PHYSICAL DIAGNOSIS.

Practical work, in sections, during second half of the session.

CLINICS.

Elementary Medical Clinic, one a week during second half of the session.

Elementary Surgical Clinic, one a week during second half of the session.

Standing of a Student at the End of the Second Year

The standing of a student at the end of the second year is determined by :

(a) Final examinations covering the entire subjects of Anatomy, Physiology, Physiological Chemistry and Toxicology, Materia Medica and Pharmacology, and an examination on the topics covered during the year in General Pathology.

(b) Practical examinations in Anatomy, Physiological Chemistry, Pathological Histology and Histology of Nervous System.

(c) A record of his practical work and recitations.

Third Year**PRINCIPLES AND PRACTICE OF MEDICINE.**

Lectures, four a week throughout the session.

Recitations, two a week throughout the session.

Clinical Lectures in Bellevue Hospital, two a week throughout the session.

Clinical Lectures in the College Clinic, one a week throughout the session.

PRINCIPLES AND PRACTICE OF SURGERY.

Lectures, four a week throughout the session.

Recitations, two a week throughout the session.

Clinical Lectures in Bellevue Hospital, two a week throughout the session.

Clinical Lectures in the College Clinic, one a week throughout the session.

Practical work in operative surgery.

PEDIATRICS.

Lectures, two a week first half the session, one a week second half session.

Instruction in physical examination of infants and children throughout the session.

OBSTETRICS.

Lectures with clinical demonstrations, two a week throughout the session.

Recitations, one a week throughout the session.

Operative Obstetrics on the Manikin, in sections, during second half of the session.

GYNÆCOLOGY.

Lectures, one a week throughout the session.

Recitations, one on alternate weeks throughout the session.

Clinical Lectures in Bellevue Hospital, one a week throughout the session.

Section teaching in College Clinic and Bellevue Hospital.

THERAPEUTICS.

Lectures, two a week throughout the session.

Recitations, one a week throughout the session.

MATERIA MEDICA AND PHARMACOLOGY.

Lectures, one a week during the first half of the session.

PATHOLOGY.

Lectures, one a week, on special pathology, throughout the session.

APPLIED PATHOLOGY, INCLUDING CLINICAL MICROSCOPY.

Laboratory work, two hours a week throughout the session.

Recitations, one a week throughout the session.

AUTOPSIES.

One autopsy a week, in sections, throughout the session.

GROSS PATHOLOGY AND PATHOLOGICAL HISTOLOGY.

Laboratory work, two hours a week, throughout the session.

BACTERIOLOGY.

Practical advanced Bacteriology, two hours a week for one-half the session.

Hygiene and Laboratory work and lectures, two hours a week for one-half the session.

SECTION TEACHING.

In Bellevue Hospital and the College Clinic:

1. Physical and Medical Diagnosis. 2. Surgical Diagnosis and Minor Operative Surgery. 3. Gynæcological Diagnosis. 4. Practical Therapeutics. 5. Pediatrics.

Standing of a Student at the End of the Third Year

The standing of a student at the end of the third year is determined by:

(a) Written examinations on the instruction given in Medicine, Surgery, Obstetrics, Gynæcology, Therapeutics, Pediatrics, Special Pathology, Bacteriology and Hygiene.

(b) Practical examinations in Applied Pathology and Gross Pathology.

(c) A record of all recitations and practical work in the section classes.

Fourth Year**THEORY AND PRACTICE OF MEDICINE.**

Clinics, three a week throughout the session.

Section teaching in Bellevue Hospital, daily throughout the session.

Individual study of assigned cases in Bellevue Hospital and the College Clinic.

Methods of History Taking and Clinical Microscopy.

Conferences, two a week throughout the session.

THEORY AND PRACTICE OF SURGERY.

Clinics, three a week throughout the session.

Section teaching in Bellevue Hospital, daily throughout the session.

Individual study of assigned cases in Bellevue Hospital and the College Clinic.

Methods of History Taking and Clinical Laboratory.

Operative Surgery on the Cadaver, in sections.

Conferences, two a week throughout the session.

GENITO-URINARY SURGERY AND DISEASES.

Lectures or clinics, one a week throughout the session.

Section teaching in the hospital wards and the College Clinic.

ORTHOPEDIC SURGERY.

Clinical Lectures, one a week throughout the session.

Section teaching in the College Clinic.

PEDIATRICS.

Clinical Lectures, one a week throughout the session.

Instruction in intubation after January.

Recitations, one a week, beginning in January.

Section teaching in hospital wards, the College Clinic, N. Y. Foundling Hospital, Willard Parker and Riverside Hospitals (Contagious Diseases), and Presbyterian Hospital.

OBSTETRICS.

Lectures, with clinical demonstrations, one a week during first half of the session.

Section teaching in Practical Clinical Midwifery.

GYNÆCOLOGY.

Clinics, one a week throughout the session.

Section teaching in Operative Gynæcology, and in Gynæcological Diagnosis in Bellevue Hospital, the Out-Patient Department, and the College Clinic.

THERAPEUTICS.

Section teaching in Applied Therapeutics in the hospital wards and the College Clinic.

Prescription writing and compounding, one a week throughout the session.

PATHOLOGY.

Autopsies, practical exercises, twice a week, attended in sections.

Exhibition of fresh specimens from Autopsies, twice a week throughout the session.

PATHOLOGICAL CHEMISTRY.

Lectures, one a week for part of the session.

NERVOUS DISEASES.

Lectures or Clinics, one a week throughout the session.

Section teaching in Bellevue Hospital and the College Clinic.

Electro-Therapeutics—Section teaching.

MENTAL DISEASES.

Lectures or Clinics, one a week during first half of the session.

DERMATOLOGY.

Lectures, one a week throughout the session.

Section teaching in the hospitals and College Clinic.

OPHTHALMOLOGY.

Lectures, one a week throughout the session.

Section teaching in the College Clinic and hospitals.

OTOLOGY.

Lectures, one a week during second half of the session.

Section teaching in the College Clinic and other dispensaries.

LARYNGOLOGY AND RHINOLOGY.

Lectures, one a week during half the session.

Section teaching in the College and other clinics.

SHORT COURSES OF LECTURES OR DEMONSTRATIONS ON FOLLOWING SPECIAL SUBJECTS:

Medical Jurisprudence.

Diseases of the Rectum.

X-Ray Technique.

Quarantine Sanitation.

Hydrotherapy.

Life Insurance Examination.

Ethics in Medicine.

LABORATORY WORK.

The Clinical Laboratory will be opened daily for the examination of blood, sputa, urine, etc., by students studying cases in the various section classes.

The Physiological Laboratory will be open to students desiring to do special work in physiological research.

The Chemical Laboratory will be open, when not occupied by the regular classes, to students desiring to do special work in chemistry.

The Pathological Laboratory and Museum are open to students desiring facilities for the examination of tissues from the hospitals, College Clinic and autopsies, or wishing to undertake original researches.

REVIEW RECITATIONS

Review Recitations in Anatomy. Materia Medica and Therapeutics, Medicine, Surgery, Diagnosis, Obstetrics and Gynecology. One a week in each subject to sections of class.

Standing of a Student at the End of the Fourth Year

The standing of a student at the end of the fourth year is determined by:

(a) Written examinations in Medicine, Surgery, Obstetrics, Gynecology, Pediatrics and Therapeutics.

(b) Practical examinations in Medicine and Surgery.

(c) Written examinations in Nervous Diseases, Mental Diseases, Dermatology, Otology, and Laryngology. These topics are covered by one paper.

(d) A written examination in Orthopedic Surgery, Rectal Surgery, Genito-urinary Surgery and Diseases, and Ophthalmology. These topics are covered by one paper.

(e) Record of work in recitations, hospital ward work, section classes and reports at conferences.

Tabulated Summary of Studies

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
Anatomy, L. 32, R. 64, L. W. 360, D. 96.	Anatomy, L. 64, R. 32, L. W. 360, D. 64.	Medicine, L. 128, R. 64, S. 96, C. 96.	Medicine, S. 72, C. 96, R. 60.
Physiol., L. 48, R. 16.	Physiol., L. 96, R. 32, L. W. 96, C. 16.	Surgery, L. 128, R. 64, S. 96, C. 96. Op. S. 32.	Surgery, S. 72, C. 96, Conf. 32, R. 60.
Chemistry, L. 128, R. 64, L. W. 192.	Chemistry, L. 64, R. 32, L. W. 96.	Obstetrics, L. 64, R. 32, Op. O. 8, L. I. H., 3 weeks.	Obstetrics, L. 16, R. 16, D. 2.
Histol. & Emby., L. 32, L. W. 128, R. 32.	Mat. Med. & Pharma- col., L. 64, R. 32, L. W. 63.	Gynec., L. 32, C. 32, R. 16, S. 12.	Gynec., C. 32, S. 20, R. 16.
Bact., L. W. 64.	Path. Anat., L. W. 64, R. 32.	Therap., L. 64, R. 32.	Therap., Conf. 32.
	Gen'l Path., L. 32, R. 32.	Special Path., L. 32, D. 32.	Ophth., L. 32, S. 16.
	Bandaging, 16.	Applied Pathology, R. 32, L. W. 64.	Path., D. 64.
	Phys. Diag., 30	Autopsy, 12.	Path. Chem., L. 6.
	Medicine, C. 16.	Pediat., L. 16 S. 96.	Hygiene, L. 32.
	Surgery, C. 16.	Pharmacol., L. 16.	Autopsies, S. 8.
		Bacter., L. W. 32.	Gen. Ur. Surg., L. 32, S. 24.
			Orthopedic Surg., L. 32, S. 4.
			Neurol., L. 32, S. 12
			Pediat., L. 32, S. 20, R. 16.
			Otol., L. 16, S. 16.
			Laryngol., L. 16, S. 16.
			Mental., L. 16.
			Derm., L. 32, S. 16.
			Special Subjects, 30 Lectures.

L=Lecture, R=Recitation, D=Demonstration, L.W.=Laboratory Work, C=Clinic.
S=Section teaching. Conf.=Conference. Ex.=Exhibition. Op. S.=Operative Surgery.
Op. O.=Operative Obstetrics, L. I. H.=Lying-In Hospital.
The figures indicate the number of hours per session.

Graduate Courses :

Special courses of instruction have been arranged for graduates in medicine. The courses are planned to occupy about six weeks each, but it may be possible for two, or perhaps more, of the courses to be taken at the same time. Special provision has been made for those who do not wish to take the entire course, but to select certain topics only from each course. (Page 50.)

CLINICAL FACILITIES

The College possesses ample facilities for clinical teaching, and the school is pre-eminent as a school of practical medicine. This purpose has been constantly in view in the arrangement of the course of study.

The College Clinic (in College Building). (See also page 14.)

This is a General Medical and Surgical Clinic, and supplies aid for the outdoor sick poor. The situation is peculiarly advantageous, as it is just opposite Bellevue Hospital. It affords abundant material for practical clinical instruction in all departments of Medicine and Surgery. Connected with Clinic are the Laboratories of Bacteriology, Pathology, and Clinical Microscopy, in which opportunity is given the student to make the necessary examinations of the blood, sputum, urine, etc.

The Edward N. Gibbs X-Ray Laboratory.

Through the generosity of friends of the College and in recognition of the medical services rendered to the late Edward N. Gibbs by members of the Bellevue Hospital medical staff, there has been established in connection with the College Clinic the Edward N. Gibbs X-Ray Laboratory. This has been placed under the immediate direction of Dr. E. W. Caldwell, an expert in skiagraphy.

The Laboratory is attached to the College Clinic, and is conducted to aid the medical and surgical staff of Bellevue Hospital and of the Clinic in the diagnosis and study of obscure forms of disease among the poor under treatment in these institutions. The facilities of this laboratory will be used to illustrate the lectures on Radioscopy. It is maintained in the highest degree of efficiency by the founders.

Bellevue Hospital (26th Street and First Avenue). (See also page 15.)

Bellevue Hospital is directly across the street from the College Buildings. It is the great City Hospital especially used for acute diseases, has ten hundred and seventy-five beds, and receives annually about 25,000 patients. All of the great charitable institutions on Blackwell's, Ward's, Randall's, and Hart's Island receive their inmates, numbering many thousands, through Bellevue Hospital or its Out-Patient Department. In the *Out-Patient Department* more than fifty thousand new patients a year are treated, aside from those admitted to the various hospitals of the Department of Charities.

Professors Bryant, Curtis, Stewart and Brown, Attending Surgeons.

Professors Smith, Biggs and LeFevre, Attending Physicians.

Professor Coe, Attending Gynæcologist.

Professor Flint, Jr., Attending Gynæcologist and Obstetrician.

Professor E. D. Fisher, Consulting Neurologist.

Dr. Robert J. Carlisle, Assistant Visiting Physician.
Professor W. E. Studdiford, Assistant Gynæcologist.
Dr. John Douglass, Assistant Visiting Surgeon.
Dr. S. A. Brown, Assistant Visiting Physician.
Dr. Foscett, Adjunct Assistant Gynæcologist.

City Hospital (formerly Charity Hospital, Blackwell's Island).

This is the great City Hospital for chronic and venereal diseases. It has about one thousand beds, and is reached from the pier at Bellevue Hospital by the steamers of the Department of Charities.

Professor John A. Fordyce, Attending Dermatologist.

Dr. C. E. Quimby, Attending Physician.

Dr. Harlow Brooks, Attending Physician.

Section teaching and hospital clinics may be given at this institution.

Hospitals of the Workhouse and Almshouse (Blackwell's Island).

These institutions are also reached by the steamers of the Department of Charities, which leave the pier at Bellevue Hospital.

Dr. A. S. Morrow, Attending Surgeon.

Dr. S. A. Brown, Attending Physician.

Dr. George B. Wallace, Attending Physician.

The hospitals of the Workhouse contain about one hundred and twenty beds, and are chiefly occupied by cases of acute disease.

Hospital clinics and section teaching may be given at these institutions.

Manhattan State Hospital for the Insane (situated on Ward's Island).

This hospital is reached by ferry from the foot of East 116th Street. Boats run every half hour.

This hospital (the largest in the world) has 4,500 insane patients, and opportunities afforded the students for the study of various forms of mental diseases are unsurpassed.

Professor Carlos F. MacDonald, Consulting Physician.

Professors Bryant and W. C. Lusk, Consulting Surgeons.

Dr. William Mabon, Superintendent and Medical Director.

Willard Parker and Reception Hospitals, and the Riverside Hospital for Contagious Diseases (Department of Health of New York City).

The Willard Parker and Reception Hospitals are situated at the foot of East 16th Street. These hospitals are devoted to the treatment of scarlet fever and diphtheria, and to the reception of other contagious diseases.

Practical bedside instruction in the diagnosis of these diseases is afforded to students during the fourth year. Dr. Nicoll.

These institutions are easily accessible by street car from the College Buildings, and contain about two hundred beds.

The Riverside Hospital is reached from the foot of East 16th Street by steamers of the Department of Health, or from East 132d Street.

It is devoted to all forms of contagious disease, and has facilities for accommodation of more than three hundred patients.

Dr. Nicoll, Attending Physician.

Dr. Kerrison, Attending Aurist.

Riverside Sanitarium (Department of Health).

Dr. Huddleston, Attending Physician.

Dr. Pulley, Attending Physician.

Randall's Island Hospital (Department of Public Charities).

Is devoted chiefly to the care of infants, idiots, and imbeciles. It is reached by boat from the Department of Charities, foot of East 26th Street, or from East 120th Street.

Presbyterian Hospital (Madison Avenue and 70th Street).

Accessible by electric cars from the College. This is a large modern general hospital containing three hundred and thirty beds.

Opportunities for bedside instruction is afforded to members of fourth year class in small sections.

Professor Northrup, Attending Physician.

Professor F. Tilden Brown, Assistant Attending Surgeon.

St. Luke's Hospital (Morningside Heights, 113th Street and Amsterdam Avenue).

Accessible by electric cars from the College. This is the most recently erected of the hospitals—having moved a few years ago from its old site on Fifth Avenue.

Professor Curtis, Attending Surgeon.

Professor Curtis operates almost daily from Sept. 1st to Feb. 1st, the students being always made welcome.

St. Vincent's Hospital (Seventh Avenue and 12th Street).

Large general hospital containing more than two hundred beds. Reached by street car from College building.

Professors Bryant, Biggs, Stewart and Lusk, and Dr. Lewis are attending at this institution, and students will be permitted to witness operations, etc.

General Memorial Hospital (106th Street and Eighth Avenue).

Surgical clinics are held daily. Professor Coe operates once or twice a week throughout the year, the students being always made welcome.

Gouverneur Hospital (Gouverneur Slip, corner Front Street).

Reached by street car from the College Building. General hospital and reception hospital for the Department of Charities. Has also a large Out-Patient Department.

Section teaching and clinics will be given during the fourth year at this hospital by Professors Silver and Erdmann and Dr. Huddleston.

Columbus Hospital (226 East 20th Street).

Very accessible from College Building. Under charge of Missionary Sisters of the Sacred Heart. General and special clinics are given by Professor Coakley and Dr. Lewis, to which students of the Fourth-Year Class are invited.

Harlem Hospital (Lenox Avenue, 136th Street).

Reached by electric cars from College Building. Is a branch of Bellevue Hospital and has a large Out-Patient Department. Professor Haubold will conduct section teaching for fourth-year students during session.

New York Foundling Hospital (68th Street, between Third and Lexington Avenues).

Reached by street car from College Building. Is under the charge of the Sisters of Charity. Instruction in diseases of children is given here to fourth-year students by Professor Northrup and Dr. R. G. Freeman. Demonstrations of the gross pathology of infants by Dr. M. Nicoll, Jr., pathologist.

The O'Dwyer Memorial Clinic, established during 1898 in this institution. Professor Northrup.

Manhattan Maternity and Dispensary (on 60th Street between First and Second Avenues).

This is a small hospital which was opened for patients in February, 1905. It conducts an indoor and outdoor obstetrical service and provides a practical course for students. The certificate of this hospital is accepted by the College as complying with all the requirements for actual attendance on labor cases.

Professor Flint, Jr., and Dr. Albert S. Morrow are on the Attending Staff.

New York Eye and Ear Infirmary (13th Street and Second Avenue).

Easily accessible by Second Avenue electric cars. Students of the College attend the operative clinic of Prof. Dench, Mondays at 3.00 P. M., and Prof. Weeks, Thursdays at 3 P. M.

LEBANON HOSPITAL.—(150th Street and Westchester Avenue.) Reached by electric and elevated cars from College Building. Surgical clinics are given by Professor Syms, to which students are admitted.

Prizes and Hospital Appointments

Mott Prize Medals

By the will of the late Dr. Valentine Mott, a founder of the University Medical College, and for many years its President and Professor of Surgery, perpetual provision was made for the following medals:

A gold medal to the candidate who shall prepare the best anatomical or anatomico-surgical preparation.

A silver medal to the second best preparation.

A bronze medal to the candidate who shall furnish the best notes (type-written) of recorded cases and remarks of the Professor of either of the Surgical Clinics.

Candidates for graduation, as well as first and second course students, may compete for these medals.

The preparations shall belong to the University Mott Prize Museum, and be labeled with the name of the maker.

Reports of cases shall belong to and be deposited in the Museum.

The specimens are to be presented anonymously, accompanied by a device or motto.

The medals are not to be awarded except the specimens presented are of sufficiently good character.

Further information regarding the preparations will be furnished by the Professor of Anatomy.

These medals were awarded at session 1907-08 as follows :

The Gold Medal, Richard Joshua Brown, B.S.

The Silver Medal, Alfred Cummings Reed, B.L.

The Bronze Medal, Henry Irving Berger.

The William T. Lusk Memorial Science Prize. A prize of one hundred dollars is offered for the best thesis presented to the Faculty by any member of the Senior Class upon any subject which embodies the results of personal original research done under the supervision of any professor or designated instructor of the school. This prize was awarded session 1907-08 to Adolph Irving Ringer.

The Christian A. Herter Research Scholarship.—This scholarship was founded for the encouragement of research in chemical pathology, or physiological chemistry or pharmacology. The annual income (\$300) will be awarded each year to a graduate, or undergraduate, who has already demonstrated aptitude for physiological and chemical research. This scholarship was awarded to Adolph Irving Ringer, session 1907-08.

Appointments in the Hospitals.—The graduates of this College are eligible for examination for appointment to the house staff in the following hospitals :

BELLEVUE HOSPITAL.—Twenty-four regular appointments to the house staff are made each year. The term of service is two years, as follows: Six months as junior medical assistant, six months as junior surgical assistant, boarding out of the Hospital; and six months as senior assistant, and six months as house physician, house gynecologist, or house surgeon, board, lodging, and washing being provided in the Hospital. The successful candidates are assigned to duty in order of merit.

CITY HOSPITAL.—Six physicians and six surgeons, serving for eighteen months, and eight "provisionals," serving for one year. For the entire term of service, board, lodging, and washing are furnished in the Hospital. Three physicians and three surgeons begin service in June, and three physicians and three surgeons in December.

MATERNITY HOSPITAL.—The house staff is included in the staff of the City Hospital.

GOVERNEUR HOSPITAL.—Four *internes* are appointed each year.

HARLEM HOSPITAL.—Two *internes* are appointed each year.

ALMSHOUSE AND INCURABLE HOSPITALS.—Four *internes*, with alternating medical and surgical service, are appointed each year, to serve for eighteen months, living in the Hospital.

RANDALL'S ISLAND HOSPITAL.—Four *internes* are appointed each year, with the same kind of service and under the same conditions as in the Almshouse Hospital.

FORDHAM HOSPITAL.—Two *internes* are appointed each year.

OTHER HOSPITAL APPOINTMENTS.—In addition to those in the hospitals in the Department of Public Charities, there are no less than twenty-four hospitals, not including special hospitals, in which appointments to the house staffs are open to competition. The most prominent of these are the Presbyterian Hospital, St. Luke's Hospital, the New York Hospital, St. Vincent's Hospital, St. Francis' Hospital, General Memorial Hospital, Mount Sinai Hospital, the German Hospital, the French Hospital, the Italian Hospital, Roosevelt Hospital, Post Graduate Hospital, St. Mark's Hospital, New York Foundling Hospital, Willard Parker Hospital, Riverside Hospital, Reception Hospital, Kingston Ave. Hospital, Washington Heights Hospital.

The following members of the class graduating, Session 1907-1908, have received hospital appointments on competitive examination:

John Aikman, August Leo Beck, William Berkowitz, George Gregor Bohrer, Barnet Seymour Bookstaber, Maxwell Branner, Joseph Elias Braunstein, John Harold Carroll, William James Douglas, Jr., B.S., Abraham Finkelstein, Max Fischman, Tracy L. Fisk, Maurice Freeman, Solomon Ginsburg, Aaron Harold Gittleson, Samuel Glassman, Henry Graefe, Jr., Eugene Garfield Herbener, Marmaduke Hoy,

John Huberman, Alexander Isaacson, Edwin Irving Ives, Herman Sam Jacobs, Robert Buchanan Kennedy, James Matthew Kiernan, Emanuel Klein, George Knauer, Leopold Abraham Koppel, Benjamin Koven, Louis Charles Lange, Joshua Harry Leiner, Francis Joseph Lennon, Herman Perry Levison, William Leavitt, Lester Howard McAllister, Daniel Aloysius McAteer, Denis Edward McMahon, Harry Philip Mencken, Albert Alexander Mendez, William Hobart Mitchell, James Joseph Norton, A.B., Augustine Pietri, Jr., Joseph L. Ramirez, Lawrence Harrison Rogers, Leopold M. Rohr, Isaac Rosenstein, Harry Roth, Jacob Sarnoff, Joseph Charles Scal, Michael Schuman, Nathan George Settel, Max Spiegel, Bernard Stattman, Sidney Burnett Tryon, Theron James Vosburgh, Robert Emmet Walsh, Charles E. Weber, Hervey Clock Williamson, Henry Wolfer, Jr.

Miscellaneous Information

Members of the class who receive remittances in the form of post-office money orders will save trouble if they direct the orders to be made payable at Station F, New York City, this station being but a short distance from the College.

The courses of lectures in other colleges recognized with reference to graduation are the regular sessions of such colleges, and not preparatory or intermediate courses, except when recognized by the Regents (see p. 64). The latter are reckoned only as time of study.

Tickets or diplomas of colleges devoted to any peculiar system of medicine are considered irregular, and will not be recognized under any circumstances.

The College never issues duplicate diplomas ; but official certificates of graduation are given to alumni who present satisfactory evidence that their diplomas have been destroyed or lost.

Board

Arrangements are made by the clerk so that each matriculate of the College will be furnished with good board, including room rent, at a convenient distance from the College building, at the rate of \$5 to \$7 per week. Information as to board may be obtained from the clerk at his office in the College, or from the Secretary of the Intercollegiate Young Men's Christian Association, 129 Lexington Avenue.

Correspondence

It would be to the advantage of students if they would register a few days in advance of the opening exercises, secure boarding places, and purchase books, so that their studies may not be interrupted in the beginning. The Corresponding Secretary will be in his office every day during September, at 2 P.M.

Letters requesting information should be addressed to

EGBERT LE FEVRE, M.D., Dean,
The University and Bellevue Hospital Medical College,
East 26th Street and First Avenue.

Fees for the Four-years' Course beginning Session 1908-09 *

Matriculation (payable only once on entrance)..... \$5.00

FIRST YEARGeneral Instruction, including Laboratory Instruction † and
Dissection.....\$200.00**SECOND YEAR**General Instruction, including Laboratory Instruction † and
Dissection.....\$200.00**THIRD YEAR**General Instruction, including Laboratory Instruction † and
Operative Surgery.....\$200.00**FOURTH YEAR**General Instruction, including Laboratory Instruction †....\$200.00
Examination Fee..... 25.00

Fees must be paid according to foregoing schedules by all matriculates and special students, including those who have already received the degree of M.D., except alumni of the College. Tickets cannot be transferred, and fees will not be returned.

\$125.00 is payable on September 30th and \$75.00 on January 8th, ten days' grace being allowed, at end of which time non-payment will debar from classes.

Alumni of the University Medical College and the Bellevue Hospital Medical College are admitted to the lectures and clinics of the third and fourth years upon payment of the matriculation fee only.

Fees cover all expenses at the College except the course in Practical Obstetrics.

NOTE.—When candidates for graduation do not have necessary certificate of attendance on six cases of labor, a course in Practical Obstetrics can be taken at any time during the third or fourth years in one of several maternity institutions in New York City.

Fees for Special Students, 1908-1909

Tickets for one or more of the seven departments of Practice of Medicine, Surgery, Obstetrics, Materia Medica, and Therapeutics, Physiology, Anatomy, and Chemistry may be taken separately at the rate of \$50 for each department, and each ticket thus taken entitles the holder to all the exercises connected with the department for which it is issued, except the Laboratory courses and dissections; but attendance upon

* Students who are already in actual attendance on the work of the College will continue at the scale of fees operative at the time of admission.

† Students are required to provide themselves with dissecting case and laboratory materials (slides, coverglasses and boxes for storing slides, etc.) for mounting specimens received in the laboratory, which become their personal property.

lectures under such separate tickets will not count in any way as part of one of the four regular courses of lectures required for graduation.

The Dissecting ticket may be taken out separately by matriculates only.

Dissection..... \$15.00

Laboratory Courses in Chemistry, Normal Histology, Patho-

logical Histology, Materia Medica, Gross Pathology and

Autopsies, and Clinical Microscopy, each..... 25.00

Special University Announcement

For young men who purpose, before beginning the study of medicine to complete a regular college course, the New York University College of Arts and Science, at University Heights, has made the following provision :

The student, after completing his Freshman year, may take the " Medical Preparatory Course," which will qualify him to enter most advantageously the College of Medicine. After pursuing his course throughout the Sophomore and Junior years, he may elect, in place of his Senior year at University Heights, the first year in the Medical College at First Avenue and East 26th Street, provided that he gives three hours a week to college work in Arts and Science, outside of Medicine.

This plan shortens the combined College and Medical courses from eight years to seven years. It is recommended only to those college students who are of mature age. Others are advised to take four years at College before entering upon the course in Medicine.

For further information see the University and Bellevue Hospital Medical College bulletin.

XI

NEW YORK-AMERICAN

VETERINARY COLLEGE

ANNOUNCEMENTS FOR 1908-1909

Faculty

HENRY M. MACCRACKEN, D.D., LL.D.,
Chancellor of the University.

ALEXANDER F. LIAUTARD, M.D., V.M.,
*Emeritus Dean and Professor of Anatomy, Clinical Surgery, Veterinary
Jurisprudence and Sanitary Medicine.*

[AMES L. ROBERTSON, M.D., V.S.,
*Professor of Principles and Practice of Veterinary Medicine and
Clinical Medicine.*

HARRY D. GILL, V.S.,
*Secretary. Professor of Principles and Practice of Veterinary
Surgery and Clinical Surgery.*

WILLIAM J. COATES, M.D., D.V.S.,
Dean. Professor of Anatomy, Clinical Surgery and Medicine.

J. ELMER RYDER, D.V.S.,
Professor of Obstetrics and Clinical Medicine.

JULIUS HUELSEN, JR., D.V.S.,
Professor of Cattle Pathology, Meat Inspection and Sanitary Medicine.

J. BETHUNE STEIN, M.D.,
Professor of Physiology.

WILFRIED LELLMAN, D.V.M.,
Professor of Veterinary Pathology.

HARRY D. HANSON, D.V.S.,
Professor of Materia Medica and Therapeutics.

JOHN A. LEIGHTON, D.V.S.,
Professor of Diseases of the Foot and Art of Shoeing.

J. A. DEGHURE, Ph.D.,
Lecturer on Milk Inspection.

GEORGE G. VAN MATER, M.D., D.V.S.,
Professor of Ophthalmology.

ROBERT W. ELLIS, D.V.S.,

Lecturer on Zootechnics and Veterinary Jurisprudence.

W. REID BLAIR, D.V.S.,

Professor of Comparative Pathology and Pathological Histology.

W. C. MILLER, D.V.S.,

Demonstrator of Anatomy and Curator of the Museum.

**MEMBERS OF THE FACULTY OF THE UNIVERSITY AND BELLEVUE
HOSPITAL MEDICAL COLLEGE GIVING INSTRUCTION
IN THE VETERINARY COLLEGE.**

JOHN A. MANDEL, Sc.D.,

Professor of Chemistry.

WILLIAM H. PARK, M.D.,

Professor of Bacteriology.

G. REESE SATTERLEE, M.D.,

Instructor in Histology.

ROBERT J. WILSON, M.D.,

Lecturer on Bacteriology.

SPECIAL ANNOUNCEMENT

The union of the New York College of Veterinary Surgeons and the American Veterinary College and the adoption of the consolidated institution as a School of the New York University was accomplished in 1899. The purpose of the change was not only to promote the best interests of the schools and of their alumni, but more especially to advance the standard of veterinary education. The alumni of these two long-established colleges number over one thousand, and on their account the name of each institution is perpetuated in the title of the University School—The New York-American Veterinary College. The entire body of graduates of both colleges, as well as the alumni of the new school, will be placed on the records of the New York University, and will be entitled to all the privileges of the University Alumni.

The new institution with its enlarged Faculty, composed entirely of experienced teachers, its increased and abundant clinical resources, and its regular use of the extensive laboratory equipment and advanced instruction of the University and Bellevue Hospital Medical College, is enabled at once to offer the means for the attainment of a thorough veterinary education for men only, and it is the hope and belief of the Council of the University that the importance of the new school for such education will lead to its wide approval and support.

Attention is directed to the following features of the Session 1908-1909

I. *In order to comply with the terms of the statute it will be necessary for candidates for entrance to a veterinary school or college within the State of New York to present for their preliminary qualifications the Regents' academic diploma of 60 counts or an equivalent thereof, satisfactory to said Board of Regents.*

II. The Faculty of the School is composed of experienced teachers, twelve of whom are practical veterinarians.

Instruction in pathology, bacteriology and chemistry is given by professors who devote their entire time and attention to those departments, in the laboratories of the University and Bellevue Hospital Medical College which are used exclusively for this work.

III. Increase of practical work for small sections of students. The third year class will be divided into small sections, which will have

charge of cases in the College hospitals, and will also accompany members of the Faculty and other veterinarians during their visits to the large stables of the city. In the same way they will also be given opportunities to learn practical horseshoeing, dentistry, the methods used in testing animals for tuberculosis and glanders, and meat inspection.

IV. Recitations, when practicable, instead of Lectures. In recognition of the advantages to the students which come from quizzing, it has been decided to replace lectures largely by quizzes. In this way the necessary ground can be more quickly covered, and students can be much better prepared to pass College, State and other examinations.

Buildings

The general lecture courses and the teaching in practical anatomy will be given in the building formerly occupied by the American Veterinary College, 141 West 54th Street.

Some lectures, demonstrations and the general laboratory instruction will be given at the University and Bellevue Hospital Medical College, 26th Street and First Avenue.

The hospital of the American Veterinary College, 141 West 54th Street, as well as the New York College of Veterinary Surgeons, 337 East 57th Street, will be maintained, and in them clinics will be held daily.

Requirements for Admission

General Requirements

1. Candidates for the degree of D.V.S. must furnish satisfactory evidence of good moral character.

2. No entrance examinations are conducted at this College, but all students who matriculate with the intention of becoming candidates for the degree of Doctor of Veterinary Surgery must conform to *the rules and regulations of the New York State Board of Regents*.

3. Students desiring to do special work may matriculate at any time during the year as special students. Such applicants, however, cannot subsequently become candidates for graduation at this College without full compliance with the terms of admission and graduation as set forth in this catalogue.

Further information regarding such courses, fees, etc., may be obtained on pages 10-21.

Registration and Matriculation

Students on entering the College will be required to register and pay the registration fee of \$5. They will receive a receipt for this fee, which receipt will be exchanged for a certificate of full or conditional matriculation when they shall have complied with the Regents' requirements for such matriculation; but students who have already been matriculated at a medical or Veterinary college in the State of New York, according to the Regents' requirements, and those who already hold Veterinary student certificates, will be matriculated immediately on registration.

Division of Students

Students are divided into three classes, according to their time of study and their proficiency. Those who have attended one regular course of lectures at other accredited colleges may enter as second year students without examination. Those who have attended two regular courses (including dissections) at other accredited colleges may enter as third year students on presentation of evidence of having passed a satisfactory examination in three or more primary branches. No student may advance with his class until he has passed the required examinations in the studies of the previous year, or a majority of them, and no student shall be registered as a member of the third year class until he has passed all of the examinations of the first, and a majority of those of the second year.

Division of Studies

For the first year.—Anatomy, Physiology, Chemistry, Histology, Bacteriology.

For the second year.—Anatomy, Physiology, Chemistry, Materia Medica and Therapeutics, General Pathology and Pathological Histology, Theory and Practice of Veterinary Medicine, Principles and Practice of Veterinary Surgery, Hygiene, Meat Inspection, Obstetrics, Sanitary Medicine, Ophthalmology, Zootechnics and Veterinary Jurisprudence, Shoeing and Diseases of the Feet, Milk Inspection.

For the third year.—Anatomy, Theory and Practice of Veterinary Medicine, Principles and Practice of Veterinary Surgery, Materia Medica and Therapeutics, Pathology, Diseases of Cattle, Diseases of Minor Domesticated Animals, Parasites and Parasitic Diseases, Obstetrics, Bacteriology, Antiseptic Surgery.

Examinations

The regular examinations will be held in the following order :

At the end of the first year.—Anatomy, Physiology, Chemistry, Histology, Bacteriology, and Practical Microscopy.

At the end of the second year.—Anatomy, Physiology, Chemistry, General Pathology, Pathological Histology, Sanitary Medicine, Ophthalmology, Zootechnics and Veterinary Jurisprudence, Shoeing and Diseases of the Feet, Milk Inspection.

At the end of the third year.—Anatomy, Theory and Practice of Veterinary Medicine, Veterinary Surgery, Materia Medica and Therapeutics, Diseases of Cattle, Meat Inspection, Bacteriology, Antiseptic Surgery, Obstetrics, Parasites and Parasitic Diseases, and Canine Diseases.

The regular examinations will be held at the end of each year in March. No student will be allowed to anticipate the examination in the regular course of studies of his year except by special permission of the Faculty. The examinations will be conducted by means of practical exercises, orally, and in writing. Those who fail on any subject may present themselves on that subject again at the next regular examination.

Requirements for Graduation

Session 1908-1909

Students who have completed all of the work required in the first two years, and have been admitted to the third year class, may become candidates for graduation under the following conditions:

1. They must have followed the regular curriculum for the third year.

2. They must, as required by law, have reached the age of twenty-one years, and must file satisfactory certificates of good moral character, and of three years' study of veterinary medicine. (Blank forms of certificates of study, including the certificate of age and of moral character, will be furnished by the Secretary on application.)

3. They must have filed with the Secretary of the Faculty the Regents' Veterinary Students' Certificate as evidence of having complied with the requirements for admission.

4. Candidates are examined on the following subjects: Anatomy, Theory and Practice of Veterinary Medicine, Veterinary Surgery, Diseases of Cattle, Obstetrics, Helminthology and Parasitic Diseases, Meat Inspection, Bacteriology, Materia Medica, Therapeutics and Canine Diseases.

5. Candidates who are graduates of other accredited colleges are examined the same as undergraduates and must fulfil all the requirements demanded of undergraduates.

Course of Study

The course of study required of all students who are candidates for the degree of D.V.S. extends over three years.

The session will begin on Wednesday, September 30th, 1908, and will continue for 6 months.

All work in the curriculum set forth below in outline is required unless especially marked optional.

The right is reserved to make such alterations or additions to this curriculum as may be found desirable or necessary.

When instruction in any subject is continued for two or more years, the instruction given in each year is different, and students are required to pass satisfactory examinations at the end of each session before taking up the work of the following year.

The Faculty reserves the right to terminate the connection of any student with the institution at any time on the ground of what they regard as moral or mental unfitness for the profession, or improper conduct while connected with the College.

Schedules of the exercises for each year are distributed at the beginning of the session.

In arranging the hours of required attendance at the College, regard has been had for the comfort and convenience of the students. The work necessitating the closest mental application has, where possible, been placed in a short morning session. An hour is then allowed for midday meal. The afternoons are chiefly occupied by practical work, and the evenings are left free for study in preparation for the recitations of the following day.

The course of study is given during the day and no night courses are held.

METHODS OF INSTRUCTION

Anatomy

First Year

- I. **LECTURES.**—Two a week, throughout the session, on the anatomy of the bones, joints and muscles. Professor Coates.
- II. **RECITATIONS.**—One a week, throughout the session, on the subjects covered by the lectures. Dr. Coates or assistant.
- III. Instruction will be given, throughout the session, on the subjects covered by the lectures. Lantern demonstrations will be given once a week after Christmas holidays.
- IV. **PRACTICAL WORK.**—At least twelve hours a week are set aside for practical work in the dissecting-room. For dissection, the body is divided into four parts: (a) The head and neck; (b) anterior extremities; (c) posterior extremities; (d) trunk. Students are required to dissect at least one of each of these parts during the first year and to repeat these dissections during the second and third years. Such dissections are credited only upon certificate from the Demonstrator of Anatomy.

Second and Third Years

- I. **LECTURES.**—Twice a week, throughout the session, on the anatomy of the vascular system, the central nervous system, the cranial nerves, the viscera, and topographical anatomy. Lectures will be illustrated by lantern views. Professor Coates.
 - II. **RECITATIONS.**—One a week, throughout the session, on the subjects covered by the lectures. Dr. Coates.
 - III. Instruction, throughout the session, on the subjects covered by the lectures of the second and first years.
 - IV. **PRACTICAL WORK.**—At least twelve hours a week, throughout the session, are set aside for practical work in the dissecting-room. The students are required to repeat the dissections made during the first year.
- RESEARCH WORK.**—Facilities will be provided for students and graduates in veterinary and human medicine who wish to do special or advanced work in anatomy.

Physiology

First Year

- I. LECTURES.—One a week, throughout the session, on the fundamental principles of physiology, including a general discussion of the physiology of the cell. Professor Stein.

Second Year

- I. LECTURES.—Once a week, throughout the session. In this course the subject of physiology is presented on broad scientific lines.

Facilities

Aside from the Laboratory in which the practical work is carried on, the new building of the University and Bellevue Hospital Medical College contains a Physiological Laboratory for more advanced work, and a Physiological Library adjoining. These facilities will be accorded to advanced students who desire to do special work in physiological research.

Chemistry and Physics

First Year

- I. LECTURES.—Two lectures a week, throughout the session, divided into the following successive courses :
 - A. THEORETICAL AND INORGANIC CHEMISTRY. — An introductory course in general chemistry, including a discussion of the laws governing chemical action and a description of the properties of the various elements and their compounds. During this course the student will be instructed in the significance and use of chemical symbols, formulæ, equations, stoichiometry. Professor Mandel.
 - B. ORGANIC CHEMISTRY.—In this course the theoretical considerations introduced in Course A will be extended to the complex compounds of carbon-forming organic substances, the physical and chemical properties of which will be discussed. The homologous series of compounds forming the aliphatic, isocarbocyclic and heterocarbocyclic groups, and their derivatives, will be explained, and the alkaloids and bodies of unknown constitution will be discussed. Professor Mandel.
- II. RECITATIONS.—One a week, throughout the session, on the topics covered by the lectures. Assistant.

- III. LABORATORY WORK.**—Two hours a week, throughout the session. During this course practical instruction is given in qualitative and volumetric quantitative analysis, and in other subjects pertaining to general chemistry. Professor Mandel and assistants.

Second Year

- I. LECTURES.**—Two a week, throughout the session, embracing the following courses :
- C. ORGANIC CHEMISTRY.**—This course constitutes a review of Course B given during the first year. Professor Mandel.
- D. PHYSIOLOGICAL CHEMISTRY.**—This course will include a discussion of the following subjects : The chemical composition of the animal body ; carbohydrates, fats and proteins ; the chemistry of the animal cell ; the chemistry of blood and other animal fluids ; ferments and enzymes ; the chemistry of digestion, assimilation, and elimination ; foods and the chemistry of metabolism. Professor Mandel.
- E. TOXICOLOGY.**—This course will include the classification of poisons and their chemical and physiological detection and identification ; the effects of and antidotes for the corrosive, metallic, and organic poisons, and the occurrence and production of poisonous substances within the body or in articles of food. Professor Mandel.
- II. RECITATIONS.**—One a week, throughout the session, on the topics covered by the lectures. Assistant.
- III. LABORATORY WORK.**—Two hours a week, throughout the session. Practical instruction will be given, as far as practicable, upon the subjects covered by the lectures, including ready methods of identifying poisons. Professor Mandel and assistants.

Facilities

The Chemical Department of the University and Bellevue Medical College is equipped with apparatus and a collection of chemicals, with which the lectures are abundantly illustrated by experiments and demonstrations. The Chemical Laboratory is well equipped with most recent appliances and fixtures, and every facility is given the student to acquire a practical knowledge in chemical manipulation and testing. A small working library of chemical works of reference is also accessible to the students.

Facilities will be accorded to those students who desire to do advanced work in chemistry under the direction of the Professor of that Department.

Materia Medica and Therapeutics

First, Second and Third Years

- I. **LECTURES OR RECITATIONS.**—Two a week, throughout the session. The course of instruction is designed to place the student in possession of general and special knowledge of the drugs chiefly used in veterinary practice, including a study of their classification and nomenclature, the sources from which they are derived, the manner in which they are prepared and placed on the market; their physical history and chemical composition; their physiologic, therapeutic and toxicologic actions upon the different species of domestic animals, together with the various circumstances which modify their actions in these animals.
Professor Hanson.
- II. **RECITATIONS.**—One hour a week throughout the session, covering the subjects of the lectures. Professor Hanson.
- III. **PRACTICAL WORK.**—The class is divided in sections, and students are given practical instruction in the hospital, in the use of various therapeutic measures and appliances, such as venesection, of the application of poultices, blisters, the administration of anæsthetics, etc.

Facilities

A large collection of drugs and their preparations is available for instruction in this department. It is also provided with a laboratory, in which the students can become familiar with the general properties of the drugs.

Histology

First Year

Normal Histology

- I. **LABORATORY WORK.**—Throughout the session. At these exercises the normal tissues and organs of the animal body will be studied and demonstrated under the microscope. For this purpose a complete set of carefully prepared sections is provided for each student. As a knowledge of the minute structure of the various parts of the body is necessary for an understanding of their activities, the specimens used for demonstration have been prepared with special reference to the physiological functions of the tissues present; the course is, therefore, closely affiliated with the instruction in both anatomy and physiology. It also serves as a basis for the future studies in pathology. Dr. Satterlee and Assistant.

- II. RECITATIONS.**—Throughout the session. These recitations are from the text-books, but are not confined to the matter contained in them; the Instructor availing himself of these hours to point out the relations between structure and function, and to give occasional demonstrations requiring special preparation. Dr. Satterlee or Assistant.

Facilities

The Histological Laboratory is well lighted from the north and fully equipped with microscopes, charts, etc.

Pathology

Second Year

General Pathology

- I. LECTURES.**—One a week, throughout the session, on the following subjects: The normal structure and functions of the animal cell; structural changes accompanying quantitative and qualitative disturbances in the functional activities of the cell; structural changes due to damage, including the phenomena of inflammation and fever; disturbances of the circulation; infiltrations; tumors; anomalies of development; animal parasites. Professor Blair.
- II. RECITATIONS.**—One a week, throughout the session, on the topics of the lectures and in the application of the principles elucidated in the lectures to concrete cases of disease. Professor Blair.

Pathological Histology

- I. LABORATORY WORK.**—Throughout the session, in the Histological Laboratory. In this course the students receive stained and mounted sections of tissues illustrating the various morbid conditions that can be recognized under the microscope, and the various tumors. These specimens are demonstrated to the students, and eventually become their property. Professor Blair.
- II. RECITATIONS.**—One a week, throughout the session, on Pathological Histology. Professor Blair.

Bacteriology and Hygiene

First Year

- I. PRACTICAL WORK.**—Two hours, twice a week, during one-quarter of the session. In this course the students are taught the technique of bacteriological examinations; the methods of ob-

taining pure cultures of bacteria and of studying species after their isolation. During the course they have opportunity to study those species which are of medical importance and not infrequent occurrence. Professor Park and Dr. Wilson.

Third Year

- I. **LECTURES.**—One a week, throughout the session, on Applied Bacteriology and Hygiene.
The relations of bacteriology to the prevention, diagnosis, and treatment of disease will be especially dwelt upon. Professor Park.
- II. **PRACTICAL WORK.**—A short laboratory course will be given on the practical application of bacteriology to the diagnosis of disease. The students will also have an opportunity to witness the practical methods of preparing and testing diphtheria antitoxin. Professor Park and Dr. Wilson.
- III. Students receive additional instruction in applied Bacteriology during third year in the Clinical Laboratory.

Theory and Practice of Equine Medicine

Second Year

- I. **LECTURES.**—Two lectures a week, by Professor Robertson, throughout the session. The course will cover the etiology, pathology, diagnosis, termination and treatment of the various diseases of the horse.
- II. **PHYSICAL DIAGNOSIS.**—Practical exercises in the methods of physical Diagnosis. Dermatology. Professor Hanson.
- III. **CLINICS.**—Three a week throughout the session.

Third Year

- I. **LECTURES.**—Two lectures a week by Professor Robertson. In this course thorough consideration will be given to all of the most important diseases.
- II. **RECITATIONS.**—Covering the matter considered in the lectures. Professor Hanson.
- III. **CLINICS.**—Three a week throughout the session.

Cattle Pathology

Sanitary Medicine and Meat Inspection

Second and Third Years

- LECTURES.**—Prof. Huelsen will give two lectures a week, throughout the year, on the above subjects. The course of these lectures

will comprise two years ; they will cover the etiology, pathology, diagnosis, termination and treatment of the diseases of cattle, and will include also the more important diseases of sheep and swine.

Sanitary Medicine

LECTURES.—They will embrace the measures applicable in the prevention and suppression of infectious diseases of domestic animals, including, therefore, such subjects as quarantine, preventive, inoculation, disinfection, etc.

Meat Inspection

Students will have the advantage of the facilities offered by the numerous abattoirs in New York City and vicinity, which are under Government or Municipal inspection. Prof. Huelsen will exhibit and demonstrate fresh specimens, normal and pathological, taken from abattoirs, thus enabling students to become acquainted in a practical way with what is considered fit or unfit for consumption.

RECITATIONS.—Prof. Huelsen will quiz upon the subject-matter of the lectures.

Surgery

Second and Third Years

LECTURES.—Prof. Gill will give a course of lectures covering the surgical diseases of the domestic animals.

RECITATIONS.—Throughout the course the second and third year students will be quizzed on the subjects of previous lectures.

Operative Surgery

Third Year

To fit the student to cope successfully with surgical cases that he may encounter later on in private practice, he will be expected to perform operations on both the living subjects and the cadaver.

Opportunities will also be given to familiarize themselves with—
1. Handling and controlling animals. 2. Different methods of casting. 3. The use of the stocks and operating table. 4. The use of anæsthetics and the mode of application. 5. The use of the actual and thermo-cautery, and the usual operations.

CLINICS.—Students may attend all operations done at the hospitals.

They will also have many opportunities to witness operations of outside practitioners.

Practical instruction in the diagnosis and treatment of surgical diseases in wards of hospitals.

Antiseptic Surgery

Second and Third Years

LECTURES.—A series of lectures on the principles and practice of antiseptic surgery.

DEMONSTRATIONS.—A number of surgical operations, demonstrating aseptic and antiseptic principles in preparation, operation and wound dressing.

Also instruction in bandaging, the application of splints and surgical dressings.

Dentistry

Manipulation of the head and mouth, and practical work on the horses' teeth will be given.

Diseases of the Foot

Second Year

LECTURES.—Prof. Leighton will lecture once a week on the diseases of the foot and the art of shoeing.

RECITATIONS.—Prof. Leighton will also give a series of quizzes on this subject.

CLINICS.—Prof. Leighton will, as cases present themselves, give a series of clinics covering the examination, diagnosis and treatment of diseased conditions of the foot. He will also demonstrate normal and pathological shoeing.

Obstetrics

Second and Third Years

LECTURES.—Prof. Ryder will give two lectures a week on this subject to the second- and third-year students. The course will cover obstetrical anatomy, accidents of pregnancy, normal parturition, maternal and foetal dystokia, diseases of the foetus, obstetrical operations and diseases of the young animal. Constant attention will be paid in these lectures to the conditions present in the mare, cow, pig, bitch and cat. Drawings and models will be used for illustration.

Embryology

Prof. Ryder will also lecture once a week to second- and third-year students on the elements of Embryology.

RECITATIONS.—One quiz a week on the above subject will be given throughout the course.

SECTION WORK.—When there is opportunity there will be sections formed for the practice of vaginal examinations and the observation of cases of labor.

Veterinary Pathology

Professor Lellman will lecture three times a week throughout the year to the second- and third-year students on pathology. The course will comprise two years, and cover the pathological conditions of the different organs and tissues of the domesticated animals, including also parasites and parasitic diseases.

In connection with the pathological anatomy there will be a series of lectures on pathological physiology. At the end of the second course a series of lectures will be given on the principles of the therapeutics.

The lectures will be illustrated by drawings, macroscopical and microscopical pathological specimens.

During the session of 1908-1909 Professor Lellman will lecture on the pathology of

1. The digestive tract.
2. The urogenital organs.
3. The skin and its appendages.
4. The locomotory apparatus.

Thus, the entire ground of veterinary pathology will be covered within two sessions.

During the session of 1907-1908 Professor Lellman lectured on the pathology of

1. The circulatory apparatus.
2. The blood.
3. The respiratory tract.
4. The nervous system.

Ophthalmology

Second Year

LECTURES.—Prof. Van Mater will lecture once a week on the anatomy and diseases of the eye.

RECITATIONS.—Prof. Van Mater will give a series of quizzes on this subject throughout the year.

CLINICS.—Prof. Van Mater will describe and perform the various operations appertaining to the diseases of the eye and their treat-

ment. Students will also be given the opportunity to familiarize themselves with the use of the ophthalmoscope.

Milk and Dairy Inspection

First Year

At the present time it is generally conceded that diseases are transmitted from cows to mankind through the contaminated milk.

The necessity to have specially trained and qualified men to supervise the dairy industry and determine the quality of its products, especially milk, must be apparent to all.

The course will cover the composition, examination and analysis of milk and milk products, the use of the lactoscope, pioscope, lactometer and cream gauge, the course of milk from the cow to the consumer, including its sanitary control, tyrotoxicon, the breeds of cattle considered from the point of milk producers, the composition and nutritive value of cattle foods, and the construction and ventilation of the dairy and stable.

Zootechnics

Second Year

LECTURES.—Dr. Ellis will give a series of lectures and quizzes to the members of the second-year class.

Veterinary Jurisprudence

Second Year

LECTURES.—Dr. Ellis will deliver a course of lectures on Veterinary Jurisprudence.

Clinical Facilities

The College possesses unsurpassed facilities for clinical teaching, and in their use aims at pre-eminence as a school of practical medicine. This purpose has been held constantly in view in the arrangement of the course of study.

COLLEGE HOSPITALS.—Two hospitals furnish clinical material, one in the College building, 141 West 54th Street, in charge of Prof. Coates, and the other at 337 East 57th Street, in charge of Prof. Gill. These hospitals can accommodate about fifty horses and one hundred dogs.

Clinics will be conducted by members of the Faculty daily throughout the term on the diseases of horses, cattle, dogs, and the minor domesticated animals. There will also be sections in physical diagnosis, de-

termination of age, examination for soundness, appreciation of form and action, bandages and methods of casting. A certain number of written reports will be required from every student. These reports are each to embody the study of a particular case, giving fully the clinical history, physical examination, examination of secretions, diagnosis, treatment, result and account of autopsy, if held. The reports will be marked, and especial attention will be paid to the manner of reporting.

In addition to the hospital clinics, the student will have the benefit of seeing cases in the private practice of the teachers; and through the hospitals and available private practice students will have abundant opportunity to see medical cases, and to witness all ordinary and many unusual surgical operations.

Post Graduate Course

Graduates desiring to take special courses can make satisfactory arrangements.

Appointments

House Surgeons will be appointed yearly from the graduating class. These positions will be awarded as prizes after a competitive examination. The appointees will be lodged in the hospital and will receive certificates at the end of the term of service.

Prizes

A Gold Medal will be awarded by the Faculty to the student of the third year who passes the best general examination.

A prize consisting of standard works on veterinary medicine will be awarded by the Alumni Association of the College to the person who passes the second best general examination.

Beneficiaries

To stimulate the student in his studies and reward his efforts, the Faculty offers two beneficiaries to the student of the *first* and of the *second* year who shall obtain the highest mark above 75 per cent. in each subject in his examination. The beneficiary of the *first* year class will receive a *half free scholarship*, equivalent to \$50, and that of the *second* year class a *whole free scholarship*, \$100, which is his ticket for the *third* year's duty free.

Fees

	FIRST YEAR	SECOND YEAR	THIRD YEAR
Matriculation,	\$5.00	\$5.00	\$5.00
Lecture Fee,	100.00	100.00	100.00
Dissecting Fee,	10.00	10.00	10.00
Examination Fee,	—	—	25.00

All fees payable in advance.

Miscellaneous Information

Members of the class who receive remittances in the form of post-office money orders will save trouble if they direct the orders to be made payable at Station G, New York City, this station being but a short distance from the College.

The College never issues duplicate diplomas ; but official certificates of graduation are given to alumni who present satisfactory evidence that their diplomas have been destroyed or lost.

Board

Arrangements are made by the clerk so that each matriculate of the College will be furnished with good board, including room rent, at a convenient distance from the College building, at the rate of \$5 to \$7 per week. Information as to board may be obtained from the Clerk at his office in the College, or from the Secretary of the Intercollegiate Young Men's Christian Association, 129 Lexington Avenue, and 328 West 56th Street.

Correspondence

It would be to the advantage of students if they would register a few days in advance of the opening exercises, secure boarding places, and purchase books, so that their studies may not be interrupted in the beginning.

Letters requesting information should be addressed to

W. J. COATES, M.D., D.V.S., Dean,
141 West 54th Street,
New York City.

THE UNIVERSITY LIBRARY

The General Library is at University Heights. It contains sixty-two thousand volumes, and includes the Oswald Ottendorfer Library of Germanic Literature, the La Garde Library of Semitic Languages, and the Hübner Classical Library. The Seminar Rooms contain the working libraries of the various departments, and are open to advanced students under the rules given below. The library is catalogued according to the Dewey decimal system.

Regulations Governing the Library and Reading Room

1. The Library is open during term time, Sundays and holidays excepted, from 9 A.M. to 5 P.M. Upon Saturdays it closes at 1 P.M.
2. No overcoats, umbrellas, satchels, books or packages may be taken into the library; a cloak room is provided for the reception of such articles.
3. The use of the Reading Room is granted to all persons under such restrictions as to age or the like as may be found necessary. Perfect silence and order are required.
4. Reference books are available for use in the Reading Room. Each reader is at liberty to take such books from the shelves, but is asked to leave them on the table to be replaced by Librarian. No book labelled as a reference book may be taken from the Library.
5. Readers desiring books other than reference books must file with the attendant at the Loan Desk a regular call slip.
6. The use outside of the Library building of any books or other reading matter belonging to the Library is restricted in general to the officers and professors of the University, the benefactors of the Library, and the students of the University. Any of these desiring books must file a call slip such as is provided for readers in the Reading Room. No other person may draw a book save by action of the Library Committee convened in special meeting.
7. Books drawn from the Library may be kept out ten days unless restricted by reason of rarity or great demand. Subject to this exception, books so taken may be renewed for a period of ten days upon application. When renewal is requested, the book must be returned for proper entry.
8. A fine of five cents for the first day, and one cent for each day thereafter, will be imposed upon the borrower for each book kept out beyond the time allowed.

Regulations Governing the Use of Seminar Rooms

1. Only officers of the University and advanced students may ordinarily use the Seminar Rooms, which are intended primarily for research. No one may enter them except upon a card of admission from the Librarian.

2. A card to a particular Seminar Room will be issued by the Librarian to any student above the sophomore year who brings a written request for such card from the head of the department to which the room is devoted.
3. A card to a Seminar Room may be granted to any person by the joint action of the Librarian and the head Professor of the Department to which the Seminar Room belongs.
4. At any time a Professor of the Department to which a Seminar Room is devoted may take possession of this room for the purpose of conference with his advanced students, closing the doors while the conference lasts.
5. Subject to the foregoing regulation, a person admitted to a Seminar Room is entitled to take any vacant seat, and occupy it as long as he may be in continuous attendance. No seat and no part of a table can be assigned to any one for given hours.

The Law Library is on the tenth floor of the University Building at Washington Square. It contains over twenty thousand volumes. It is open to students of the University under the following rules :

1. The Law Library is open from 9 A.M. to 11 P.M. during term time, Sundays and holidays excepted, and on Saturdays from 9 A.M. to 9 P.M.
2. No book of any kind belonging to the library is allowed to be taken from the room. This rule is absolute.
3. Students are at liberty to take any of the reports or text-books from the shelves; they are requested, however, to leave them on the tables and NOT to put them back upon the shelves.
4. Text-books and Cases used in the School, together with recent and important books relating to the various subjects taught in the School, are kept at the loan desk. In order to obtain one of these books, the student must fill out the slip, giving his name and address, with date and the exact hour at which the book is taken. No one student will be allowed to keep this book more than two hours, provided the book is called for by other students. A failure to return the book to the loan desk at the proper time or when the student has done with it, will be sufficient to debar the student offending from the use of the Library.
5. The following is taken from the Revised Statutes of the State of New York of the laws of 1892, chapter 378, paragraph 43: "Whoever intentionally injures, defaces or destroys any property belonging to, or deposited in any incorporated library, reading-room, museum, or other educational institution, shall be punished by imprisonment in a state prison for not more than three years, or in a county jail for not more than one year, or by a fine of not more than five hundred dollars, or by both such fine and imprisonment."

The Library of the School of Pedagogy is on the ninth floor of the University Building at Washington Square. It contains seven thousand volumes, most of which are works on Education and Philosophy. It is open to students of the University under the following regulations :

1. The Library is open during term time, Sundays and holidays excepted, from 9.30 A.M. to 5 P.M. Upon Saturdays it closes at 1.30 P.M.

2. The use of the reading Room is granted to all persons under such restrictions as to age or the like as may be found necessary. Perfect silence and order are required.

3. Reference books are available for use in the Reading Room. Each reader is at liberty to take such books from the shelves, but is requested to return them after using. No periodical or book labelled as a reference book may be taken from the Library.

4. Readers desiring books other than reference books must file a regular call slip with the Librarian.

5. The use outside of the library of any books or other reading matter belonging to the Library is restricted in general to the officers and professors of the School of Pedagogy, the benefactors of the Library, and the students of the School of Pedagogy. Any of these desiring books must file a call slip with the Librarian. No other person may draw a book save by the action of the Library Committee.

6. Books drawn from the Library may be kept out one week unless restricted for some special reason. Books may be renewed for one week unless called for by some other member of the School. When renewal is requested, the book must be returned for proper entry.

7. A fine of two cents for each day will be imposed upon the borrower for each book kept out beyond the time allowed.

The Library of the School of Commerce, containing two thousand volumes, is located on the Ninth Floor of the University Building at Washington Square, and is open to students of that school under similar rules.

The University Press and Publications

The power to give the imprint of the University Press to books and periodicals belongs to the University Senate. An arrangement has been entered into with the Macmillan Company of New York and London, by which books bearing the imprint of the University Press may be published by that company.

The Bulletin of the University is published monthly, from January to March, and weekly, from April to June. The complete announcements of the various schools appear as separate issues of the Bulletin, and may be obtained by any one by addressing the University.

The New Yorker is a weekly publication, published by the students of the University College and the School of Applied Science, and devoted to the interests of the students and alumni of the University.

The Colonnade is a monthly magazine for original essays, stories and poems, published by the students at University Heights.

Physical Training and Athletic Sports

The College Gymnasium at University Heights is a building measuring 60 feet by 100 feet, with a running track in the gallery upon which twenty laps make one mile. Sets of apparatus of the latest patterns have been provided by the liberality of Mr. David Banks, President of the Athletic Association. The building, which is heated by steam and lighted by electricity, has a floor surface of 6,000 square feet and contains director's office, examination room, dressing-rooms, and bath rooms. In the dressing-rooms are ample locker accommodations.

The Athletic Ground is called the Ohio Field, in honor of several former residents of Ohio, now for many years citizens of New York, who have contributed toward the establishment of University Heights. This field has a quarter-mile cinder track, and ample space for football, baseball, and general athletics. There has recently been added a covered grandstand with a seating capacity of 1,200. Upon the west side of the Ohio Field is the lawn tennis ground, comprising four courts, each of the full regulation size.

Gymnastic exercise of one hour's duration is required on three afternoons weekly from Freshmen, and on two afternoons weekly from Sophomores during the period from November 1 to April 1. The work for Juniors and Seniors is elective.

Undergraduate students at the beginning of their Freshman Year undergo a physical examination, and a complete record is made of their physical condition. This examination is repeated from time to time, and valuable information concerning the growth and development in the individual is thus obtained. From these figures an anthropometric chart is made out, which shows the relation of the individual to the normal standard, or average in size, strength, and symmetry, and points out the deficient parts, for which exercises are prescribed.

Athletic Sports in the University are under the direction of the University Athletic Association, the Faculty of Arts and Science, and the Director of Athletics, Mr. Frank Cann.

CONSTITUTION OF THE UNIVERSITY ATHLETIC ASSOCIATION

ARTICLE I. *Name and Object.*

SEC. 1. The name of this organization is the New York University Athletic Association.

SEC. 2. The object of the Association shall be the promotion of athletics at New York University.

ARTICLE II. *Members.*

SEC. 1. The membership shall consist of undergraduates and graduates.

SEC. 2. All undergraduate students in the College or Engineering School shall be undergraduate members of the Association, unless debarred by the Association according to its By-Laws.

SEC. 3. Any member of the University Council, or any one of the University Faculties, any graduate of any one of the Schools of the University, any matriculant in any of the Schools who has left the University in good standing after not less than one year's residence, shall be eligible to graduate membership in this Association, and shall be enrolled upon the presentation of his name to the Secretary and its approval by the Executive Committee.

SEC. 4. Any student in the University may become an undergraduate member by the presentation of his name to the Secretary and its approval by the Executive Committee.

SEC. 5. The dues of each member for each College year shall be Five Dollars, payable October 1st. On the failure of payment by any member, he may be dropped from the roll by the Executive Committee January 1st. No member may vote whose dues are not paid.

ARTICLE III. *Officers.*

SEC. 1. The Officers of the Association shall be a President, 1st and 2d Vice-Presidents, Corresponding and Recording Secretaries, and Treasurer, who shall each perform the duties ordinarily pertaining to such offices respectively. The Treasurer shall be a member of the Faculty. The President may be a graduate member, the other officers shall be undergraduate members.

SEC. 2. An Executive Committee shall exist, to be composed of the six officers, the Director of Athletics, the Captain and Manager of each of the four teams, namely, Foot Ball, Base Ball, Track Athletic and Gymnastic, and one member at large to be elected by the Association, and one representative of minor sports, namely, Tennis, Basket Ball and Rowing, to be elected at a joint meeting of the members of these minor Associations, all these to have the privilege of discussion and introduction of motions, and right to vote in the meetings of the Executive or General Committees.

SEC. 3. An Advisory Committee shall exist to consist of one member of the Council, one member of the Undergraduate Faculty, and three members of the Alumni, to be appointed by the University as follows: In the month of November of each year, the Faculty Committee on Organizations shall nominate two or more candidates for each vacancy on the committee, and from among these the University Council will select a committee, each member to serve three years from January 1st.

SEC. 4. The Executive and Advisory Committees together shall form a General Committee, whose duties are provided for in the By-Laws.

SEC. 5. The Director of Athletics shall be the General Superintendent of all athletic work done in the name of the University, and no enterprise shall be begun, no expense incurred, and no bill paid by the Treasurer except by the concurrent action of the General Superintendent and the Manager of the particular team concerned.

ARTICLE IV. *Elections.*

SEC. 1. The first six officers named above, and also the member at large of the Executive Committee, shall be elected by the Association at its annual meeting.

SEC. 2. Each team manager and assistant manager shall be chosen by the joint ballot of the Executive Committee and the members of the team in question within two weeks after the close of the playing season. Membership on a team, time, place and notification of election and method of ballot to be in accordance with the By-Laws hereinafter provided.

SEC. 3. Each team captain shall be chosen by ballot of members of the team in question at a meeting to be held within two weeks after the close of the playing season, the manager of said team to preside and to cast the deciding vote in case of a tie; membership of the team to be as hereinafter prescribed in the By-Laws.

SEC. 4. Should any election for manager, assistant manager or captain, for any reason whatever be deferred beyond the time above prescribed, the election shall be held at a time and place decided upon by the Executive Committee, the nature of the ballot, the time of notification and decision in case of a tie to be in accordance with the By-Laws hereinafter provided.

SEC. 5. The representative of the minor sports, namely, Tennis, Basket Ball and Rowing, shall be chosen at a joint meeting of the members of these minor Associations to be held the last Wednesday of October of each year.

SEC. 6. The election of a Team Captain, Manager or Representative of Tennis and Minor Sports shall be subject to a vote of the Executive Committee.

ARTICLE V. *Meetings.*

SEC. 1. The annual meeting of the Association shall be held on the first Monday of December, at such place and time as may be prescribed by the By-Laws.

SEC. 2. Upon the written request of twenty members of the Association, or at the request of the General Committee, the President shall call a special meeting of the Association. This request and also the

notice of any special meeting shall state the object for which the meeting is called, and at a special meeting no subject not so stated shall be considered except by the unanimous consent of the members present.

SEC. 3. Notice of any meeting of the Association, whether annual or special, shall be printed in the College papers, posted on the bulletin boards in the several Schools, and sent by mail to the graduate members of the Association at least ten days before the date of the meeting. One third of the membership shall constitute a quorum at any meeting of the Association.

ARTICLE VI. *Amendments.*

SEC. 1. This constitution may be amended at any meeting of the Association by a vote of three-fourths of the members present, provided that a copy of the proposed amendment or amendments shall be furnished to the Secretary and shall accompany the notice of meeting.

SEC. 2. The By-Laws may be amended or repealed at any meeting of the Association in a similar manner.

New York University Historical Society

OFFICERS, 1908-1909

President: HON. SMITH E. LANE, 1848.

Vice-President: _____

Secretary: JOHN V. IRWIN, 1894, 203 Broadway, N. Y. City.

Treasurer: PROF. J. J. STEVENSON, 1863.

Curator: PROF. WILLIAM K. GILLET, 1880.

Asst. Curator: PROF. WILLIAM M. CAMPBELL, 1898.

Constitution, Adopted June 2d, 1900

ARTICLE I.

Name.—The name of this Society is "THE NEW YORK UNIVERSITY HISTORICAL SOCIETY."

ARTICLE II.

Object.—The object of the Society shall be to collect and preserve the records, publications and memorabilia of the New York University and manuscripts and memorials of its noted men; to encourage the alumni and students to observe with fitting exercises the anniversaries of eventful days in the history of the University; to mark with appropriate tablets places of historic interest connected with the University, and to aid any enterprise that has for its object the welfare and progress of the University.

ARTICLE III.

Government.—The government and management of the Society shall be vested in a Board of Twelve Governors, five of whom shall constitute

a quorum, who shall be elected at the annual meeting of the Society, and they shall hold office for one year, or until their successors are elected. Vacancies shall be filled by the Board of Governors.

ARTICLE IV.

Officers

SEC. I.—The officers of the Society shall be a President, two Vice-Presidents, a Secretary, a Treasurer, and a Curator, who shall be elected by ballot by the Board of Governors at the time of their annual meeting. They shall hold office for one year, or until others shall be chosen in their places.

SEC. II.—The duties of the President, Vice-Presidents, Secretary and Treasurer, shall be such as usually attach to the offices.

SEC. III.—The Curator shall be the custodian of the collections of the Society, and he shall keep such collections in the buildings of the University. He shall also keep a complete record of the property of the Society. He shall make an annual report to the Society on the condition and progress of the collections. He shall cause to be prepared and kept a proper catalogue and list of the same.

ARTICLE V.

Members.—Any person contributing to the Society one or more objects of interest or the sum of Five (5) Dollars may become eligible to membership in the Society. A majority vote of the Board of Governors may elect such persons to membership in the Society.

ARTICLE VI.

Annual Meeting.—The annual meeting of the Society shall be held at the University College, University Heights, on the day of the annual meeting of the Association of the Alumni of the New York University, or on such other day as the Governors may appoint. Five members shall constitute a quorum.

ARTICLE VII.

Amendments.—No alteration in the Constitution of this Society shall be made unless such alteration shall have been submitted in writing to the Secretary and by him to the members, two weeks or more before the annual meeting, with the name of the member proposing the same, and shall be adopted by a majority of the members present at the annual meeting of this Society.

THE UNIVERSITY ALUMNI ASSOCIATIONS

In addition to the Alumni Associations of the separate schools of the University, there was organized, in 1902, a General Alumni Association. Graduates of any of the departments of the University are eligible to membership in this body. A complete catalogue of the Alumni of all schools of the University, in three volumes, has been issued by the Association to mark the seventy-fifth anniversary of the University.

The General Alumni Association

OFFICERS,

President: EUGENE STEVENSON, A.B., 1870.

Vice-Presidents:

College, School of Applied Science and Graduate
School, WM. S. OPDYKE, A.B., 1856.

School of Law, EDWIN D. WEBB, LL.B., 1901.

Medical College, A. ALEXANDER SMITH, M.D., 1871.

School of Pedagogy, BURTIS C. MAGIE, Jr., Pd.D., 1892.

Veterinary College, HARRY D. HANSON, D.V.S., 1889.

Secretary: EGBERT LE FEVRE, M.D., 1883.

Treasurer: JAMES ABBOTT, A.B., 1883.

Associate Directors:

College, School of Applied Science and Graduate
School, ALBERT B. CARLTON, A.B., 1872.

School of Law, ROSALIE LOEW, LL.B., 1895.

Medical College, HERBERT F. WILLIAMS, M.D., 1873.

School of Pedagogy, HANNAH DE MILT, Pd.D., 1895.

Veterinary College, WM. J. COATES, D.V.S., 1877.

Editor of Alumni Catalogue:

HENRY M. BROWN, M.A., C.E., 1886.

The Alumni Association of the Medical College

The New York University Corporation, upon approval by the Bellevue Hospital Medical College Corporation of the consolidation of the two Medical Colleges, enacted a statute by which the New York University adopted as her own Alumni all Graduates of the Bellevue Hospital Medical College. Their names have accordingly been placed upon the roll of University Alumni, with those of the University Medical College.

The Alumni Association of Arts and Science

OFFICERS, 1908-1909

President : HENRY G. PIFFARD, '62.

Vice-President : HENRY J. WRIGHT, '85.

Secretary : FREDERICK M. CROSSETT, '84, 30 West 33d St.

Treasurer : WILLIAM M. CAMPBELL, '98.

Registrar : HENRY M. BAIRD, JR., '91.

Executive Committee :

JAMES C. THOMSON, '69,
J. G. VAN HORNE, '72,
EDGAR TILTON '86,

FRANCIS L. NOBLE, '86,
JESSE J. ADAMS, '03,
JOHN V. IRWIN, '94.

The Alumni Association of the Law School

OFFICERS, 1908-1909

President : Hon. VICTOR J. DOWLING, 1887.

Vice-Presidents :

Hon. EDWARD E. MCCALL, 1884,

Hon. DAVID LEVINTRITT, 1872,

Hon. JOHN WOODWARD, 1881,

Hon. M. WARLEY PLATZKE, 1876,

LOUIS F. DOYLE, 1882.

Secretary : WILLIAM M. PATTERSON, 1893.

Treasurer : LESLIE J. TOMPKINS, 1892.

Executive Committee :

Hon. MARTIN J. KEOGH, 1875,

HENRY ESCHER, JR., 1896,

CHARLES E. SIMMS, 1883,

PAUL TOWNE, 1890,

WILLIAM T. MATTHIES, 1879,

MAXWELL DAVIDSON, 1900.

The Alumni Association of the School of Commerce, Accounts and Finance

OFFICERS 1908-1909

President : FREDERICK R. LEACH, 1905.

1st Vice-President : GUSTAV VOLCKENING, 1902.

2d Vice-President : E. DAYTON ROSE, 1903.

Secretary : JOHN H. SULLIVAN, 1907.

Treasurer : JOHN RAYNOR, 1908.

Alumni Association of the New York-American Veterinary College of New York University

OFFICERS FOR 1908-1909

President, T. EARL BUDD.....Orange, N. J.
Vice-President, JOHN SLEE.....New York, N. Y.
Secretary, L. L. GLYNN.....141 W. 54th Street, New York City.
Treasurer, H. F. HARMS.....Pearl River, N. Y.

BOARD OF CENSORS

DR. W. H. LOWE (*Chairman*).
 DR. W. J. COATES. DR. T. E. SMITH.
DR. W. HORACE HOSKINS.

The Society of the Doctors of Pedagogy

OFFICERS, 1908-1909

President: GERTRUDE EDMUND, PD.D.
Vice-President: FRANCIS PAUL, PD.D.
Secretary and Treasurer: HANNAH DEMILT JACKSON, PD.D., 1895.

Executive Committee

EDWARD W. STITT, PD.D., JOHN DWYER, PD.D.,
LIZZIE RECTOR, PD.D.

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